



MARTIN D. SKINNER, M.D.
STATE EPIDEMIOLOGIST & CHIEF
PREVENTIVE HEALTH SERVICES
AREA CODE 406 449-2645

MENTS

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ACTING DIRECTOR

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Department of Health and Environmental Science

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 52
Ending January 1, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1976	1975	1974	1976	1975	1974
Aseptic Meningitis	0	0		4	2	
Brucellosis	0	3		1	3	
Chicken Pox	13	7		1006	969	
Colorado Tick Fever	0	0		19	8	
Encephalitis, Primary	0	0		2	12	
Encephalitis, Post-Infectious	0	0		0	3	
Hepatitis, Infectious (A)	2	3		61	243	
Hepatitis, Serum (B)	0	1		21	29	
Hepatitis, Unspecified	2	1		28	35	
Influenza-Like Disease	34	32		5295	3359	
Measles (Rubeola)	18	0		492	50	
Meningococcal Disease	0	0		6	9	
Mumps	0	0		27	44	
Rocky Mountain Spotted Fever	0	0		1	5	
Rubella	0	0		297	253	
Salmonella Infections	1	0		71	61	
Shigella Infections	0	3		39	85	
Streptococcal Pharyngitis	108	53		3708	3949	
Tuberculosis (New Cases)	2	12		52	87	
Venereal Disease						
Gonorrhea	19	24		2072	2173	
Syphilis, Prim. & Sec.	1	0		14	8	
Whooping Cough Syndrome	0	0		4	18	
Rabies in Animals	0	0		4	18	

OTHER REPORTABLE DISEASES:

II
COUNTIES

COUNTIES	H	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Cabies
Beaverhead																	
Big Horn																	
Blaine																	
Broadwater																	
Carbon																	
Carter																	
Cascade																	
Chouteau																	
Custer																	
Daniels																	
Dawson																	
Deer Lodge																	
Fallon																	
Fergus																	
Flathead																	
Gallatin																	
Garfield																	
Glacier																	
Golden Valley																	
Granite																	
Hill																	
Jefferson																	
Judith Basin																	
Lake																	
Lewis & Clark																	
Liberty																	
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula																	
Musselshell																	1
Park																	
Petroleum																	
Phillips																	
Pondera																	
Powder River																	
Powell																	
Prairie																3	
Ravalli																	
Richland																	
Roosevelt																	
Rosebud																	1
Sanders																	
Sheridan																	
Silver Bow																	
Stillwater																	
Sweet Grass																	
Teton																	
Toole																	
Treasure																	
Valley																	
Wheatland																4	
Wibaux																	
Yellowstone																	
TOTAL		0	13	0	19	2	0	34	18	0	0	0	108	1	0	2	0



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 1
Ending January 8, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	0
Brucellosis	0	0	0	0	0	0
Chicken Pox	4	7	38	4	7	38
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	0
Encephalitis, Post-Infectious	0	0	1	0	0	1
Hepatitis, Infectious (A)	5	1	2	5	1	2
Hepatitis, Serum (B)	0	0	0	0	0	0
Hepatitis, Unspecified	0	1	0	0	1	0
Influenza-Like Disease	28	23	70	28	23	70
Measles (Rubeola)	51	0	0	51	0	0
Meningococcal Disease	0	0	0	0	0	0
Mumps	0	0	0	0	0	0
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	0	0	0	0	0	0
Salmonella Infections	1	0	1	1	0	1
Shigella Infections	0	2	1	0	2	1
Streptococcal Pharyngitis	78	31	144	78	31	144
Tuberculosis (New Cases)	0	0	0	0	0	0
Venereal Disease						
Gonorrhea	69	35	34	69	35	34
Syphilis, Prim. & Sec.	0	0	0	0	0	0
Whooping Cough Syndrome	0	0	0	0	0	0
Rabies in Animals	0	0	1	0	0	1

OTHER REPORTABLE DISEASES:

H
COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrh.	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
	Seaverhead			7		2						3				
Big Horn				1								10	1			
Blaine																
Broadwater																
Carbon																
Carter																
Cascade	2		12	5			20	1				39				
Chouteau	2											10				
Custer																
Daniels																
Dawson				2				25								
Deer Lodge				2												
Fallon					1											
ergus					1											
Flothead					1											
Gallatin				2			1									
Garfield																
Glacier				6									8			
Golden Valley																
Gronite																
Hill																
Jefferson																
Judith Basin																
Lake				5				15								
Lewis & Clark				3				10				2				
Liberty																
Lincoln																
McCone																
Madison																
Meagher																
Mineral																
Missoula					9			1								
Musselshell																
Park																
Petroleum																
Phillips																
Pondera																
Powder River																
Powell																
Prairie																
Ravalli																
Richland																
Roosevelt				7			1									
Rosebud				3												
Sanders																
Sheridan																
Silver Bow				1			1									
Stillwater																
Sweet Grass																
Teton													4			
Toole					1											
Treasure																
Volley													2			
Wheatland																
Wibaux																
Yellowstone				6			2									
TOTAL	0	4	0	69	5	0	28	53	0	0	0	78	1	0	0	0



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 2
Ending January 15, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	0
Brucellosis	0	0	0	0	0	0
Chicken Pox	7	11	8	11	18	46
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	0
Encephalitis, Post-Infectious	0	0	0	0	0	0
Hepatitis, Infectious (A)	5	3	3	10	4	5
Hepatitis, Serum (B)	0	0	1	0	0	1
Hepatitis, Unspecified	1	0	0	1	1	0
Influenza-Like Disease	32	44	75	60	67	145
Measles (Rubeola)	35	0	0	86	0	0
Meningococcal Disease	0	0	0	0	0	0
Mumps	0	0	0	0	0	0
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	0	0	1	0	0	1
Salmonella Infections	0	2	1	1	2	2
Shigella Infections	0	1	2	0	3	3
Streptococcal Pharyngitis	83	25	164	161	56	308
Tuberculosis (New Cases)	0	0	0	0	0	0
Venereal Disease						
Gonorrhea	45	26	50	114	61	84
Syphilis, Prim. & Sec.	0	0	0	0	0	0
Whooping Cough Syndrome	0	0	0	0	0	0
Rabies in Animals	0	2	0	0	2	1

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	Strep Inf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies	
Beaverhead																	
Big Horn																	
Bonneville				1													
Broadwater																	
Carbon																	
Carter																	
Cascade		7		4	5		2	3					31				
Chouteau							20										
Custer																	
Daniels																	
Dawson																	
Deer Lodge																	
Fallon																	
Fergus																	
Flothead			2														
Gallatin																	
Garfield																	
Glacier				9				12					18				
Golden Valley																	
Granite																	
Hill					3								11				
Jefferson																	
Judith Basin																	
Lake																	
Lewis & Clark			2										5				
Liberty																	
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula				9									1				
Musselshell																	
Park																	
Petroleum																	
Phillips																	
Pondera				1													
Powder River																	
Powell																	
Prairie																	
Ravalli																	
Richland			1														
Roosevelt																	
Rosebud																	
Sanders																	
Sheridan				1													
Silver Bow				3													
Stillwater																	
Sweet Grass																	
Teton																	
Toole																	
Treasure																	
Valley				1									1				
Wheatland																	
Wibaux																	
Yellowstone				8													
TOTAL	0	7	0	45	5	0	32	35	0	0	0	83	0	0	0	0	0



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ACTING DIRECTOR

Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

EPIDEMIOLOGIC NOTES AND COMMENTS 'THE TICK TELEGRAPH'

January 18, 1977

Dear Health Officers:

As you may have read in the recent newspapers, the Advisory Committee on Immunization Practices (ACIP) met on Friday, January 14, 1977, to discuss the Swine Flu Program. The ACIP has recommended that influenza immunization activities be resumed for the high risk groups. The consent forms will be revised, to include statements on the risk of Guillain-Barre Syndrome in vaccinees. The ACIP agreed that the risk is one case of Guillain-Barre Syndrome over and above that expected, for every 100,000 to 200,000 vaccinees, and that the increased risk is present for one month following influenza immunization (the relative risk is 10).

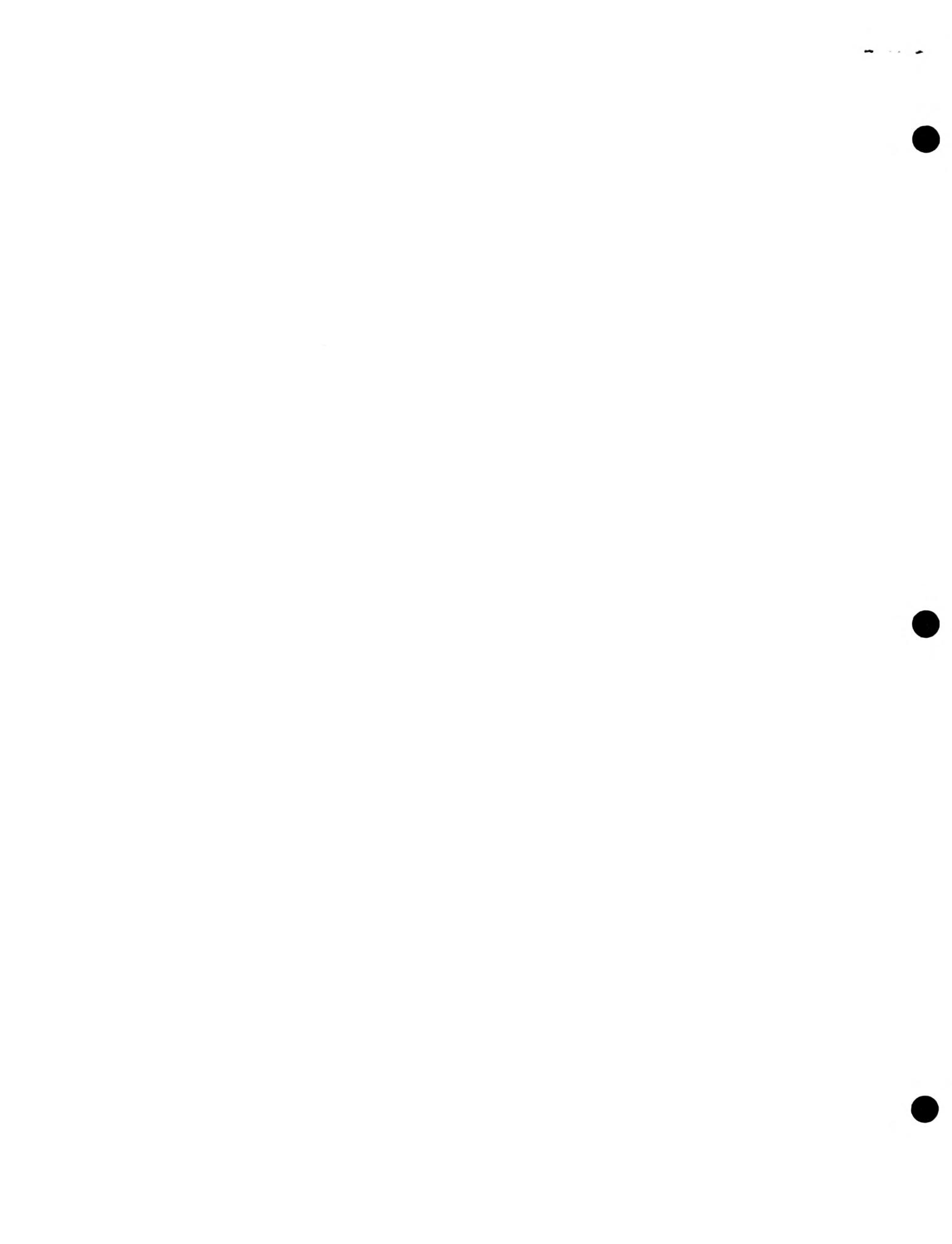
This recommendation is not yet policy. There are some doubts whether Doctor Cooper will make a decision before leaving office on Thursday, January 20, 1977. The moratorium is still in effect.

We will attempt to notify you, when the decision has been made.

Meanwhile, we would like to make one request for information from each county. One of the reports for the Swine Flu Program to Congress is to describe ". . . The amounts of public expenditures experienced by State and local entities from sources other than grants made under the program . . . "

One county has already sent an estimate (Cascade). We would like to have an estimate, however rough, from each county, indicating the number of man-hours and the monetary cost to the county, of personnel time and supplies.

If you were not the county coordinator, please give this to the appropriate person.



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Jan. 22, 1977

Department of Health and Environmental Sciences
STATE OF MONTANA HELENA, MONTANA 59601

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Acting Director



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Week No. 3rd
Ending 1-22-77

MORBIDITY REPORT

This Week Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	0
Brucellosis	0	0	0	0	0	0
Chicken Pox	32	28	30	43	46	76
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	0
Encephalitis, Post-Infectious	0	0	0	0	0	1
Hepatitis, Infectious (A)	9	0	8	19	4	13
Hepatitis, Serum (B)	0	0	2	0	0	3
Hepatitis, Unspecified	2	0	3	3	1	3
Influenza-Like Disease	44	81	196	104	148	341
Measles (Rubeola)	9	0	0	95	0	0
Meningococcal Disease	0	0	0	0	0	0
Mumps	0	2	0	0	2	0
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	3	0	0	3	0	1
Salmonella Infections	0	5	1	1	7	3
Shigella Infections	0	3	3	0	6	6
Streptococcal Pharyngitis	73	62	46	234	118	354
Tuberculosis (New Cases)	0	0	0	0	0	0
Venereal Disease						
Gonorrhea	24	45	77	138	106	161
Syphilis, Prim. & Sec.	0	0	0	0	0	0
Whooping Cough Syndrome	0	0	0	0	0	0
Rabies in Animals	3	0	0	3	2	1

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scar.	Salmon.	Shig.	T.B.	Animal Abies
Beaverhead																
Big Horn																
Bonne																
Broadwater																
Carbon																
Carter																
Cascade																
Chouteau																
Custer																
Daniels																
Dawson																
Deer Lodge																
Fallon																
Fergus																
Flothead																
Gallatin																
Garfield																
Glacier																
Golden Valley																
Granite																
Hill																
Jefferson																2
Judith Basin																
Lake																
Lewis & Clark	14	9	1					3		3						
Liberty																
Lincoln																
McCone																
Madison																
Meagher																
Mineral																
Missoula																
Musselshell																
Park																
Petroleum																
Phillips																
Pondera																
Powder River																
Powell																
Prairie																
Ravalli																
Richland																
Roosevelt																1
Rosebud																
Sanders																
Sheridan																
Silver Bow																
Stillwater																
Sweet Grass																
Teton																
Toole																
Treasure																
Valley																
Wheatland																
Wibaux																
Yellowstone																
TOTAL	0	32	0	24	9	0	44	9	0	0	3	73	0	0	0	3

1 case Tularemia in Cascade County

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 Jan. 29, 1977

Department of Health and Environmental Sciences
 STATE OF MONTANA HELENA, MONTANA 59601

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 STATE OF MONTANA
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Week No. 4th
 Ending January 29, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	0
Brucellosis	0	0	0	0	0	0
Chicken Pox	14	0	48	57	46	109
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	0
Encephalitis, Post-Infectious	0	0	0	0	0	1
Hepatitis, Infectious (A)	2	4	3	21	8	16
Hepatitis, Serum (B)	0	0	0	0	0	3
Hepatitis, Unspecified	1	0	0	4	1	3
Influenza-Like Disease	0	26	1105	104	174	1446
Measles (Rubeola)	19	0	0	114	0	0
Meningococcal Disease	0	1	0	0	1	0
Mumps	0	0	0	0	2	0
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	0	1	0	3	1	1
Salmonella Infections	1	1	0	2	8	3
Shigella Infections	0	4	3	0	10	9
Streptococcal Pharyngitis	66	54	105	300	172	459
Tuberculosis (New Cases)	0	0	0	0	0	0
Venereal Disease						
Gonorrhea	33	24	43	171	130	204
Syphilis, Prim. & Sec.	0	0	0	0	0	0
Whooping Cough Syndrome	0	2	0	0	2	0
Rabies in Animals	0	4	0	3	6	1

OTHER REPORTABLE DISEASES:

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COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
	NO	REPORT RECEIVED														
Beaverhead																
Big Horn																
Blaine				2												
Broadwater																
Carbon																
Carter																
Cascade			11	10				13								
Chouteau																
Custer																
Daniels																
Dawson																
Deer Lodge																
Fallon																
ergus			3													
Flathead																
Gallatin				2												
Garfield																
Glacier				1	1											
Golden Valley																
Granite																
Hill																
Jefferson				1												
Judith Basin																
Lake																
Lewis & Clark			3	1	1											
Liberty																
Lincoln																
McCone																
Madison																
Meagher																
Mineral																
Missoula				6												
Musselshell																
Park																
Petroleum																
Phillips																
Pondera																
Powder River																
Powell																
Prairie																
Rovaldi				2												
Richland																
Roosevelt																
Rosebud																
Sanders																
Sheridan																
Silver Bow																
Stillwater																
Sweet Grass																
Teton																
Toole																
Treasure																
Valley																
Wheatland																
Wibaux																
Yellowstone																
TOTAL	0	14	0	33	2	0	0	19	0	0	0	66	1	0	0	0
								5	2							

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 Feb. 5, 1977

Department of Health and Environmental Sciences
 STATE OF MONTANA HELENA, MONTANA 59601

Feb 10 1977

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Week No. 5th
 Ending February 5, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	1	0	0	1
Brucellosis	0	0	0	0	0	0
Chicken Pox	14	34	5	71	80	114
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	1	0	0	1
Encephalitis, Post-Infectious	0	0	0	0	0	1
Hepatitis, Infectious (A)	5	1	0	26	9	16
Hepatitis, Serum (B)	0	0	0	0	0	3
Hepatitis, Unspecified	3	0	0	7	1	3
Influenza-Like Disease	48	61	101	152	235	1547
Messles (Rubeola)	16	0	0	130	0	0
Meningococcal Disease	0	0	1	0	1	1
Mumps	0	0	0	0	2	0
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	0	0	0	3	1	1
Salmonella Infections	0	0	1	2	8	4
Shigella Infections	1	3	0	1	13	9
Streptococcal Pharyngitis	88	128	99	388	300	558
Tuberculosis (New Cases)	1	5	0	1	5	0
Venereal Disease						
Gonorrhea	61	42	9	232	172	213
Syphilis, Prim. & Sec.	0	1	1	0	1	1
Whooping Cough Syndrome	0	0	1	0	2	1
Rabies in Animals	0	0	0	3	6	1

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal	Rabies
Beaverhead	NO REPORT RECEIVED	1	6				1										
Big Horn												5					
Blaine												11					
Broadwater	OTHER REPORTABLE DISEASE ONLY	3					24					14					
Carbon	NO REPORT RECEIVED	6	7	2				20	2								
Carter					1												
Cascade	NO REPORT RECEIVED											25					
Chouteau																	
Custer																	
Daniels																	
Dawson																	
Deer Lodge	NO COMMUNICABLE DISEASES REPORTED						1										
Fallon	NO REPORT RECEIVED			4													
Fergus																	
Flathead																	
Gallatin		2											7				
Garfield	NO REPORT RECEIVED																
Glacier													9				
Golden Valley	NO REPORT RECEIVED																
Granite	NO REPORT RECEIVED																
Hill													4				
Jefferson	NO REPORT RECEIVED																
Judith Basin	NO REPORT RECEIVED																
Lake			3														
Lewis & Clark	1	4															
Liberty							2						2		1		
Lincoln								10									
McCone	NO REPORT RECEIVED																
Madison	NO REPORT RECEIVED																
Meagher	NO REPORT RECEIVED																
Mineral	NO REPORT RECEIVED																
Missoula		10	3										2				
Musselshell	NO REPORT RECEIVED																
Park	NO REPORT RECEIVED																
Petroleum	NO REPORT RECEIVED																
Phillips	NO REPORT RECEIVED																
Pondera	NO REPORT RECEIVED																
Powder River	NO REPORT RECEIVED																
Powell														4			
Prairie	NO REPORT RECEIVED																
Ravalli	NO REPORT RECEIVED																
Richland	NO REPORT RECEIVED																
Roosevelt		11															
Rosebud	1	5															
Sanders	NO REPORT RECEIVED																
Sheridan	NO REPORT RECEIVED																
Silver Bow			1														
Stillwater			1														
Sweet Grass	NO REPORT RECEIVED																
Teton	NO REPORT RECEIVED																
Toole	NO REPORT RECEIVED																
Treasure	NO REPORT RECEIVED																
Valley																	
Wheatland	NO REPORT RECEIVED												5				
Wibaux	NO REPORT RECEIVED																
Yellowstone			8					2									
TOTAL	0	14	0	61	5	0	48	16	0	0	0	88	0	1	1	0	



FEB 17 '77

MARTIN D. SKINNER, M.D.
STATE EPIDEMIOLOGIST & CHIEF
PREVENTIVE HEALTH SERVICES
AREA CODE 406 449-2648

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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 6th
Ending February 12, 1977

MORBIDITY REPORT

This Week

Reported to Date

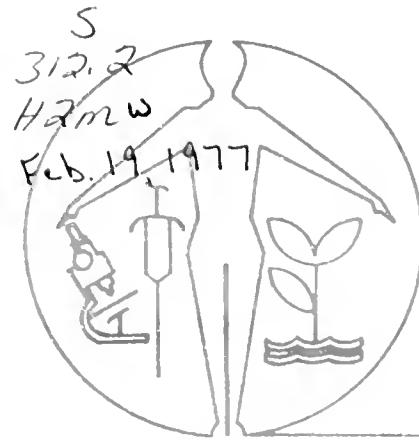
Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	1
Brucellosis	0	0	0	0	0	0
Chicken Pox	27	8	19	98	88	133
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	1	0	0	1
Encephalitis, Post-Infectious	0	0	0	0	0	1
Hepatitis, Infectious (A)	3	3	9	29	12	25
Hepatitis, Serum (B)	0	0	0	0	0	3
Hepatitis, Unspecified	0	0	0	7	0	3
Influenza-Like Disease	2	27	83	1523	262	1630
Measles (Rubeola)	45	17	0	175	17	0
Meningococcal Disease	0	0	0	0	1	1
Mumps	1	2	0	1	4	0
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	1	0	0	4	1	1
Salmonella Infections	0	1	2	2	9	6
Shigella Infections	0	1	1	1	14	10
Streptococcal Pharyngitis	51	92	131	439	392	689
Tuberculosis (New Cases)	2	0	0	3	5	0
Venereal Disease						
Gonorrhea	26	45	52	258	217	265
Syphilis, Prim. & Sec.	0	0	2	0	1	3
Whooping Cough Syndrome	1	0	0	1	2	1
Rabies in Animals	0	0	0	3	6	1

OTHER REPORTABLE DISEASES:

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COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead	NO REPORT RECEIVED															
Big Horn		2					1						4			
Blaine													18			
Broadwater	NO REPORT RECEIVED												2			
Carbon		1					1									
Carter	NO REPORT RECEIVED															
Cascade		17		1	3			5		1			2			
Chouteau																
Custer			2													
Daniels	NO REPORT RECEIVED															
Dawson	NO REPORT RECEIVED															
Deer Lodge	NO REPORT RECEIVED															
Fallon	NO REPORT RECEIVED															
Fergus	NO REPORT RECEIVED															
Flathead	NO REPORT RECEIVED							1								
Gallatin	NO REPORT RECEIVED															
Garfield	NO REPORT RECEIVED															
Glacier																
Golden Valley	NO REPORT RECEIVED												11			
Granite	NO REPORT RECEIVED															
Hill	NO REPORT RECEIVED															
Jefferson	NO REPORT RECEIVED															
Judith Basin	NO REPORT RECEIVED															
Lake																
Lewis & Clark		1						12								
Liberty													2			
Lincoln		4						26								
McCone	NO REPORT RECEIVED															
Madison	NO REPORT RECEIVED															
Meagher	NO REPORT RECEIVED															
Mineral	NO REPORT RECEIVED															
Missoula		11										1	2			
Musselshell																
Park								1								
Petroleum	NO REPORT RECEIVED															1
Phillips	NO REPORT RECEIVED															
Pondera	NO REPORT RECEIVED															
Powder River	NO REPORT RECEIVED															
Powell		1														
Prairie	NO REPORT RECEIVED															
Ravalli	NO COMMUNICABLE DISEASES REPORTED															
Richland	NO REPORT RECEIVED															
Roosevelt		4														
Rosebud	NO COMMUNICABLE DISEASES REPORTED															
Sanders	NO REPORT RECEIVED															
Sheridan	NO REPORT RECEIVED															
Silver Bow	NO REPORT RECEIVED															
Stillwater		3														
Sweet Grass	NO REPORT RECEIVED															
Teton	NO REPORT RECEIVED															
Toole	NO REPORT RECEIVED															
Treasure	NO REPORT RECEIVED															
Valley	NO REPORT RECEIVED															
Wheatland	NO REPORT RECEIVED												10			
Wibaux	NO REPORT RECEIVED															
Yellowstone		6														
TOTAL	0	27	0	26	3	0	2	45	0	1	1	51	0	0	2	0

* 28 cases of measles in 12/76 also reported by Lake County



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 7th
Ending February 19, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	1
Brucellosis	0	0	0	0	0	0
Chicken Pox	8	7	10	106	25	143
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	1
Encephalitis, Post-Infectious	0	0	0	0	0	1
Hepatitis, Infectious (A)	1	2	3	30	14	28
Hepatitis, Serum (B)	0	0	1	1	0	4
Hepatitis, Unspecified	4	0	0	10	1	3
Influenza-Like Disease	25	50	122	179	312	1752
Measles (Rubeola)	24	2	0	199	19	0
Meningococcal Disease	0	0	0	0	1	1
Mumps	0	1	1	1	5	1
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	0	0	0	4	1	1
Salmonella Infections	0	0	5	2	0	11
Shigella Infections	1	1	1	2	15	11
Streptococcal Pharyngitis	80	74	132	510	466	821
Tuberculosis (New Cases)	0	1	0	3	6	0
Venereal Disease						
Gonorrhea	33	41	29	291	258	294
Syphilis, Prim. & Sec.	0	0	0	0	1	3
Whooping Cough Syndrome	0	0	0	1	2	1
Rabies in Animals	0	3	0	3	0	1

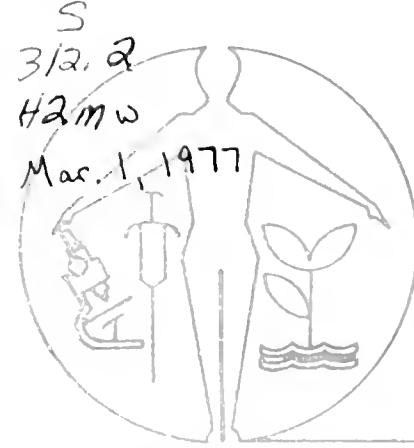
OTHER REPORTABLE DISEASES:

* Influenza like disease - corrected reported to date total for 1977 is 179.

COUNTIES

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	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scari. fev.	Salmon.	Shig.	T.B.	Animal	Rabies
Beaverhead	NO REPORT RECEIVED																
Big Horn													3				
Blaine													16				
Broadwater	NO REPORT RECEIVED						2						4				
Carbon																	
Carter																	
Cascade			1														
Chouteau								20									
Custer			2														
Daniels																	
Dawson																	
Deer Lodge																	
Fallon																	
ergus							1										
Flathead																	
Gallatin																	
Garfield													22				
Glacier				5	1								6				
Golden Valley																	
Granite																	
Hill																	
Jefferson																	
Judith Basin																	
Lake			2										13				
Lewis & Clark		8	3														
Liberty							3						1	1			
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula				7													
Musselshell																	
Park																	
Petroleum																	
Phillips																	
Pondera																	
Powder River																	
Powell																	
Prairie																	
Ravalli																	
Richland																	
Roosevelt																	
Rosebud																	
Sanders																	
Sheridan																	
Silver Bow				1													
Stillwater																	
Sweet Grass																	
Teton										1			4				
Toole																	
Treasure																	
Volley				2										11			
Wheatland																	
Wibaux																	
Yellowstone				6													
TOTAL	0	8	0	33	1	0	25	24	0	0	0	80	0	1	0	0	0



MAR 4 '77

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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 8th
Ending March 1, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	0
Brucellosis	0	0	0	0	0	0
Chicken Pox	0	23	45	115	23	45
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	1
Encephalitis, Post-Infectious	0	0	0	0	0	1
Hepatitis, Infectious (A)	0	0	1	4	61	4
Hepatitis, Serum (B)	3	5	0	33	5	32
Hepatitis, Unspecified	1	0	3	11	1	0
Influenza-Like Disease	39	207	287	218	519	2
Measles (Rubeola)	93	19	0	192	0	0
Meningococcal Disease	0	0	1	0	1	2
Mumps	0	1	1	1	1	1
Rocky Mountain Spotted Fever	0	0	0	1	0	0
Rubella	0	0	51	0	0	52
Salmonella Infections	2	2	0	4	0	11
Shigella Infections	0	2	3	2	2	14
Streptococcal Pharyngitis	133	112	372	652	578	993
Tuberculosis (New Cases)	2	0	0	5	54	0
Venereal Disease						
Gonorrhea	35	34	33	291	329	327
Syphilis, Prim. & Sec.	0	0	0	0	0	3
Whooping Cough Syndrome	0	1	5	1	2	0
Rabies in Animals	1	5	0	3	166	6

OTHER REPORTABLE DISEASES:

1

COUNTIES



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 9th
Ending March 5, 1977

MORBIDITY REPORT

This Week Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	1
Brucellosis	0	0	0	0	0	0
Chicken Pox	35	3	45	150	121	233
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	1
Encephalitis, Post-Infectious	0	0	2	0	0	2
Hepatitis, Infectious (A)	0	0	8	33	19	40
Hepatitis, Serum (B)	0	0	3	1	2	7
Hepatitis, Unspecified	1	0	0	12	3	3
Influenza-Like Disease	46	94	131	265	613	2170
Measles (Rubeola)	110	0	0	302	19	0
Meningococcal Disease	0	0	0	0	1	2
Mumps	0	1	0	1	7	2
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	0	0	0	4	1	52
Salmonella Infections	0	1	2	4	10	13
Shigella Infections	0	0	1	2	17	15
Streptococcal Pharyngitis	97	64	170	749	642	1163
Tuberculosis (New Cases)	0	4	1	5	10	1
Venereal Disease						
Gonorrhea	33	50	67	358	342	394
Syphilis, Prim. & Sec.	0	1	0	0	2	3
Whooping Cough Syndrome	0	0	0	0	2	3
Rabies in Animals	3	0	0	3	2	6

OTHER REPORTABLE DISEASES:

COUNTIES



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STATE OF MONTANA HELENA, MONTANA 59601

Week No. 10th
Ending March 12, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	1
Brucellosis	0	0	0	0	0	0
Chicken Pox	38	66	8	188	187	241
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	1
Encephalitis, Post-Infectious	0	0	0	0	0	2
Hepatitis, Infectious (A)	4	1	7	38	20	47
Hepatitis, Serum (B)	0	0	1	1	2	8
Hepatitis, Unspecified	0	0	1	11	3	4
Influenza-Like Disease	30	1489	8	295	2102	2178
Measles (Rubeola)	84	20	0	385	39	0
Meningococcal Disease	0	0	0	0	1	2
Mumps	1	0	0	2	7	2
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	1	1	57	5	2	109
Salmonella Infections	2	2	1	6	12	14
Shigella Infections	0	2	1	2	19	16
Streptococcal Pharyngitis	151	121	43	900	763	1206
Tuberculosis (New Cases)	0	0	1	5	10	2
Venereal Disease						
Gonorrhea	35	31	41	393	373	435
Syphilis, Prim. & Sec.	0	1	0	0	2	3
Whooping Cough Syndrome	0	0	0	1	2	1
Rabies in Animals	1	0	0	7	9	6

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin. Enceph. Total	Chicken Pox	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead		6				1	2				3				
Big Horn											14				
Blaine															
Broadwater															
Carbon															
Carter															
Cascade		12		9	1	3	2	1			18				
Chouteau						10					2				
Custer		3				1					26	1			
Daniels															
Dawson															
Deer Lodge							2					20			
Fallon															
ergus															
Flathead				3			22								
Gallatin															
Garfield								9				13			
Glacier															
Golden Valley				1								25			
Granite															
Hill				2											
Jefferson															
Judith Basin															
Lake		3		2								18			
Lewis & Clark		10		1											
Liberty						4						2			
Lincoln							33					1			
McCone															
Modi															
Meagher															
Mineral															
Missoula															
Musselshell															
Park															
Petroleum															
Phillips															
Pondera															
Powder River									1						
Powell															
Prairie															
Ravalli															
Richland															1
Roosevelt															
Rosebud															
Sanders															
Sheridan															
Silver Bow															
Stillwater															
Sweet Grass															
Teton															
Toole															
Treasure															
Valley															
Wheatland															
Wibaux															
Yellowstone															
TOTAL	0	38	0	35	4	0	30	84	0	1	151	2	0	0	1



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 11th
Ending 3-18-77

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	1
Brucellosis	0	0	0	0	0	0
Chicken Pox	10	27	70	198	214	311
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	1
Encephalitis, Post-Infectious	0	0	0	0	0	2
Hepatitis, Infectious (A)	2	2	6	40	22	53
Hepatitis, Serum (B)	1	0	3	2	2	11
Hepatitis, Unspecified	2	2	0	13	5	4
Influenza-Like Disease	68	357	205	363	2459	2383
Measles (Rubeola)	110	7	0	495	46	0
Meningococcal Disease	0	1	0	0	2	2
Mumps	0	0	1	2	7	3
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	0	36	31	5	38	140
Salmonella Infections	1	2	0	7	14	14
Shigella Infections	0	1	4	2	20	20
Streptococcal Pharyngitis	143	42	128	1043	805	1334
Tuberculosis (New Cases)	0	0	0	0	10	2
Venereal Disease						
Gonorrhea	47	44	45	440	418	479
Syphilis, Prim. & Sec.	0	0	0	0	3	3
Whooping Cough Syndrome	0	0	0	1	2	1
Rabies in Animals	0	11	1	7	20	7

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	Strep Inf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal	Rabies
Beaverhead				10			1										
Big Horn			3	1									18				
Bonneville																	
Broadwater																	
Carbon		1		1			30	9									
Carter																	
Cascade		5		5	1		1	1					29				
Chouteau																	
Custer				1									14				
Daniels																	
Dawson																	
Deer Lodge																	
Fallon																	
Fergus																	
Flathead																	
Gallatin				1			16						28				
Garfield																	
Glacier				2									5				
Golden Valley																	
Granite																	
Hill				1			2										
Jefferson																	
Judith Basin																	
Lake				1				11					11				
Lewis & Clark																	
Liberty																	
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula				8				35									
Musselshell																	
Park																	
Petroleum																	
Phillips																	
Pondera																	
Powder River																	
Powell																	
Prairie																	
Ravalli																	
Richland																	
Roosevelt				2													
Rosebud					11					1							
Sanders																	
Sheridan		1									1						
Silver Bow																	
Stillwater				1			15										
Sweet Grass																	
Teton													3				
Toole																	
Treasure																	
Valley													2				
Wheatland																	
Wibaux																	
Yellowstone					2	1	1		7				1				
TOTAL	0	10	0	47	2	1	68	110	0	0	0	143	1	0	0	0	0

NO COMMUNICABLE DISEASES REPORTED

NO COMMUNICABLE DISEASES REPORTED



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STATE OF MONTANA HELENA, MONTANA 59601

Week No. 12th
Ending 3-26-77

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	1
Brucellosis	0	0	0	0	0	0
Chicken Pox	19	33	33	217	247	344
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	1
Encephalitis, Post-Infectious	0	0	0	0	0	2
Hepatitis, Infectious (A)	0	0	2	41	22	55
Hepatitis, Serum (B)	1	0	0	3	2	11
Hepatitis, Unspecified	1	2	0	12	7	4
Influenza-Like Disease	3	1481	23	366	3940	2406
Measles (Rubeola)	30	3	0	524	49	0
Meningococcal Disease	0	0	0	0	2	2
Mumps	0	0	0	2	7	3
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	1	11	4	6	40	144
Salmonella Infections	0	1	0	7	15	14
Shigella Infections	0	0	3	1	20	23
Streptococcal Pharyngitis	39	224	79	1082	1029	1413
Tuberculosis (New Cases)	0	0	0	5	10	2
Venereal Disease						
Gonorrhea	31	37	32	471	455	511
Syphilis, Prim. & Sec.	0	0	0	0	3	3
Whooping Cough Syndrome	0	0	0	1	2	1
Rabies in Animals	3	0	0	10	20	7

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Big Horn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blaine	-	10	-	-	-	-	-	-	-	-	-	5	-	-	-	1
Broadwater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cascade	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Chouteau	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Daniels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dawson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deer Lodge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fallon	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Fergus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flathead	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-
Gallatin	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-
Garfield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glacier	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
Golden Valley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Granite	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Hill	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Jefferson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Judith Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lewis & Clark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Liberty	-	-	-	-	-	-	3	-	-	-	-	2	-	-	-	-
Lincoln	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
McCone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Madison	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meagher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mineral	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Missoula	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-
Musselshell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Park	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phillips	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pondera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powder River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ravalli	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Richland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roosevelt	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Rosebud	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheridan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Silver Bow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stillwater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sweet Grass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Teton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toole	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Treasure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Valley	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
Wheatland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wibaux	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellowstone	-	1	9	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0	19	0	31	0	1	3	30	0	0	1	39	0	0	0	3

NO COMMUNICABLE DISEASES REPORTED



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 13th
Ending April 2, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	1
Brucellosis	0	0	0	0	0	0
Chicken Pox	63	18	32	280	265	376
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	1
Encephalitis, Post-Infectious	0	0	0	0	0	2
Hepatitis, Infectious (A)	4	0	2	45	22	5
Hepatitis, Serum (B)	0	0	0	3	2	11
Hepatitis, Unspecified	0	1	0	12	8	4
Influenza-Like Disease	54	148	23	420	4088	2406
Measles (Rubeola)	49	16	0	573	65	0
Meningococcal Disease	2	0	0	2	2	2
Mumps	0	2	0	2	9	3
Rocky Mountain Spotted Fever	0	0	0	2	0	0
Rubella	1	41	6	7	90	0
Salmonella Infections	0	2	0	7	17	150
Shigella Infections	0	1	3	1	21	14
Streptococcal Pharyngitis	131	36	79	1213	1065	1510
Tuberculosis (New Cases)	0	2	0	5	12	2
Venereal Disease						
Gonorrhea	26	28	27	497	483	538
Syphilis, Prim. & Sec.	0	1	0	0	4	3
Whooping Cough Syndrome	0	0	0	1	2	1
Rabies in Animals	0	0	0	10	20	8

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead																
Big Horn		1		2			2					6				
Bonne		30										33				
Broadwater																
Carbon																
Carter																
Coscode		17			3		4	3				33				
Chouteau							30									
Custer				4								12				
Daniels																
Dawson									1							
Deer Lodge							3					20				
Fallon			1													
Fergus																
Flothead					1											
Gallatin		5		3			12					16				
Garfied																
Glacier				1												
Golden Valley																
Granite																
Hill																
Jefferson																
Judith Basin																
Lake																
Lewis & Clark				1				1								
Liberty								3				1				
Lincoln		8							13							
McCone																
Madison																
Meagher																
Mineral					3											
Missoula					2				11			1				
Musselshell																
Park																
Petroleum																
Phillips																
Pondera											1					
Powder River																
Powell																
Prairie																
Rovalli				1												
Richland																
Roosevelt																
Rosebud																
Sanders																
Sheridan																
Silver Bow																
Stillwater																
Sweet Grass																
Teton													4			
Toole																
Treasure																
Valley													6			
Wheatland																
Wibaux																
Yellowstone																
TOTAL	0	63	0	26	4	9	54	49	2	0	1	131	0	0	0	0



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STATE OF MONTANA HELENA, MONTANA 59601

Week No. 14th
Ending April 9, 1977

MORBIDITY REPORT

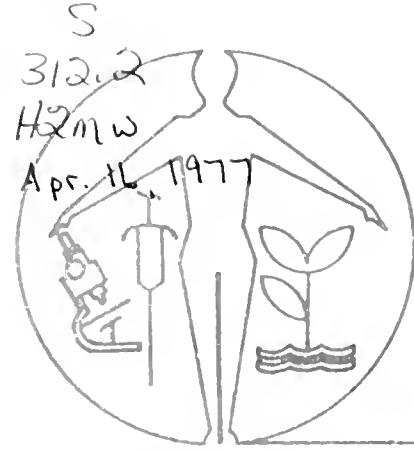
Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	1
Brucellosis	0	0	0	0	0	0
Chicken Pox	29	54	33	309	319	409
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	1
Encephalitis, Post-Infectious	0	0	0	0	0	2
Hepatitis, Infectious (A)	4	1	3	49	23	68
Hepatitis, Serum (B)	1	1	0	4	3	11
Hepatitis, Unspecified	1	0	1	13	8	5
Influenza-Like Disease	35	368	26	455	4456	2432
Measles (Rubeola)	24	7	0	597	72	0
Meningococcal Disease	0	0	0	2	2	2
Mumps	0	2	0	2	11	3
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	0	16	21	7	106	171
Salmonella Infections	0	0	2	7	17	16
Shigella Infections	0	0	3	1	21	27
Streptococcal Pharyngitis	77	142	100	1290	1207	1610
Tuberculosis (New Cases)	2	0	0	7	12	2
Venereal Disease						
Gonorrhea	36	34	54	533	517	592
Syphilis, Prim. & Sec.	0	0	0	0	4	3
Whooping Cough Syndrome	0	0	0	1	2	1
Rabies in Animals	0	0	3	10	20	11

OTHER REPORTABLE DISEASES:

二

COUNTIES

COUNTIES	H	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead																	
Big Horn																	
Blaine				2													
Broadwater																	
Carbon																	
Carter																	
Cascade																	
Chouteau																	
Custer																	
Daniels																	
Dawson																	
Deer Lodge																	
Fallon																	
Fergus																	
Flathead																	
Gallatin																	
Garfield																	
Glacier																	
Golden Valley																	
Granite																	
Hill																	
Jefferson																	
Judith Basin																	
Lake																	
Lewis & Clark				3													
Liberty																	
Lincoln				6													
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula																	
Musselshell																	
Park																	
Petroleum																	
Phillips																	
Pondera																	
Powder River																	
Powell																	
Prairie																	
Ravalli																	
Richland																	
Roosevelt																	
Rosebud							1										
Sanders							2										
Sheridan																	
Silver Bow							3										
Stillwater																	
Sweet Grass																	
Teton																	
Toole																	
Treasure																	
Valley																	
Wheatland																	
Wibaux																	
Yellowstone																	
TOTAL		0	29	0	36	4	1	35	24	0	0	0	77	0	0	2	0



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STATE OF MONTANA HELENA, MONTANA 59601

Week No. 15th
Ending April 16, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	1
Brucellosis	0	0	0	0	0	0
Chicken Pox	31	30	25	340	340	434
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	1
Encephalitis, Post-Infectious	0	0	1	0	0	3
Hepatitis, Infectious (A)	1	2	2	41	25	70
Hepatitis, Serum (B)	1	1	0	6	4	11
Hepatitis, Unspecified	1	1	1	6	9	1
Influenza-Like Disease	43	134	24	498	4590	2456
Measles (Rubeola)	101	10	0	698	82	0
Meningococcal Disease	0	0	0	2	2	2
Mumps	0	1	0	2	12	3
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	0	19	20	7	125	191
Salmonella Infections	1	2	1	8	19	17
Shigella Infections	1	0	3	2	21	30
Streptococcal Pharyngitis	69	44	80	1359	1251	1690
Tuberculosis (New Cases)	1	0	4	8	12	6
Venereal Disease						
Gonorrhea	28	31	68	561	548	660
Syphilis, Prim. & Sec.	0	0	0	0	4	4
Whooping Cough Syndrome	0	0	0	1	2	2
Rabies in Animals	0	8	2	10	22	13

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Repatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead		1					7									
Big Horn		13		1								6	2			
Blaine																
Broadwater							4	1					8			
Carbon																
Carter																
Cascade		8			1			2					1			
Chouteau							20	1								
Custer																
Daniels																
Dawson																
Deer Lodge				1			5					25				
Fallon		5														
Fergus																
Flathead												1				
Gallatin		4		1			5	2				10				
Garfield																
Glacier				5				3				9	1			
Golden Valley																
Granite																1
Hill																
Jefferson																
Judith Basin																
Lake																
Lewis & Clark			2				6									
Liberty							2					1				
Lincoln								7								
McCone																
Madison																
Meagher																
Mineral																
Missoula			11				48									
Musselshell																
Park								1								
Petroleum																
Phillips																
Pondera																
Powder River																
Powell			1													
Prairie																
Ravalli																
Richland																
Roosevelt																
Rosebud																
Sanders																
Sheridan																
Silver Bow			1													
Stillwater																
Sweet Grass																
Teton																
Toole																
Treasure																
Valley			3										7			
Wheatland																
Wibaux																
Yellowstone																
TOTAL	0	31	0	28	1	1	43	101	0	0	0	69	1	1	1	0

NO COMMUNICABLE DISEASES REPORTED

NO COMMUNICABLE DISEASES REPORTED

NO COMMUNICABLE DISEASES REPORTED

NO COMMUNICABLE DISEASES REPORTED



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Department of Health and Environmental Sciences
STATE OF MONTANA HELENA, MONTANA 59601

Week No. 16th
Ending April 23, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	1	0	0	2
Brucellosis	0	0	0	0	0	0
Chicken Pox	31	44	38	371	393	472
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	0	1
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	1	0	3	41	25	73
Hepatitis, Serum (B)	0	1	0	6	5	11
Hepatitis, Unspecified	1	0	1	7	9	7
Influenza-Like Disease	22	73	49	520	4663	2505
Measles (Rubeola)	37	24	0	735	106	0
Meningococcal Disease	0	0	1	2	2	3
Mumps	0	2	1	2	14	4
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	0	40	13	7	165	204
Salmonella Infections	1	3	1	8	22	18
Shigella Infections	0	0	4	2	21	34
Streptococcal Pharyngitis	111	70	127	1353	1321	1817
Tuberculosis (New Cases)	1	1	0	9	13	6
Venereal Disease						
Gonorrhea	36	30	22	597	587	682
Syphilis, Prim. & Sec.	0	0	0	0	4	3
Whooping Cough Syndrome	0	0	0	1	2	1
Rabies in Animals	0	0	0	10	28	13

OTHER REPORTABLE DISEASES:

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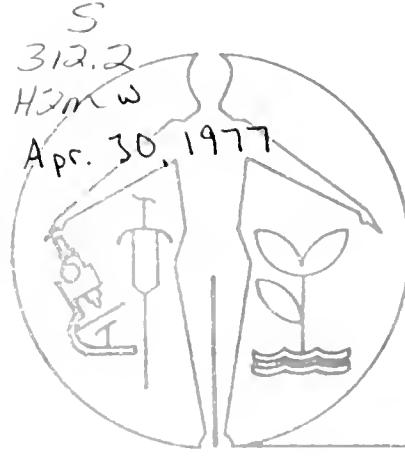
COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead			4				2									
Big Horn													6			
Blaine													3			
Broadwater													2			
Carbon							1									
Carter																
Cascade			5	15			2						38			
Chouteau																
Custer																
Daniels																
Dawson																
Deer Lodge																
Fallon			1										30			
Fergus																
Flathead																
Gallatin			1										11			
Garfield																
Glacier			1	2	1								8			
Golden Valley																
Granite																
Hill																
Jefferson																
Judith Basin																
Lake					1											
Lewis & Clark			14	2				9					5			
Liberty																
Lincoln																
McCone																
Madison																
Meagher																
Mineral																
Missoula			3										2			
Musselshell																
Park																
Petroleum																
Phillips																
Pondera																
Powder River																
Powell																
Prairie																
Revalli			2										2			
Richland																
Roosevelt																
Rosebud													2			
Sanders																
Sheridan																
Silver Bow					1											
Stillwater																
Sweet Grass																
Teton																
Toole																
Treasure																
Valley																
Wheatland													2			
Wibaux																
Yellowstone																
TOTAL	0	31	0	36	1	0	22	37	0	0	0	111	1	0	1	0

NO COMMUNICABLE DISEASES REPORTED

NO COMMUNICABLE DISEASES REPORTED

NO COMMUNICABLE DISEASES REPORTED



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STATE OF MONTANA HELENA, MONTANA 59601

Week No. 17th
Ending April 30, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	2
Brucellosis	0	0	0	0	0	0
Chicken Pox	19	207	15	390	600	487
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	1	0	0	1	1
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	1	0	3	42	25	76
Hepatitis, Serum (B)	0	0	2	6	5	13
Hepatitis, Unspecified	0	0	0	6	9	7
Influenza-Like Disease	36	30	20	556	4693	2525
Measles (Rubeola)	56	19	6	885	125	6
Meningococcal Disease	0	0	0	2	2	3
Mumps	1	1	1	3	15	5
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	0	1	2	7	166	206
Salmonella Infections	1	5	1	9	27	19
Shigella Infections	0	1	0	2	22	34
Streptococcal Pharyngitis	97	69	89	1450	1390	1906
Tuberculosis (New Cases)	3	3	3	12	16	9
Venereal Disease						
Gonorrhea	45	26	37	642	604	719
Syphilis, Prim. & Sec.	0	0	0	0	4	3
Whooping Cough Syndrome	0	0	0	1	2	1
Rabies in Animals	0	6	12	10	34	25

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead			2	7		1							3			
Big Horn			3	2								11				
Bonneville																
Broadwater																
Carbon													2			
Carter																
Cascade			2		2	1										
Chouteau					1											
Custer					1											
Daniels																
Dawson					2											
Deer Lodge																
Fallon													20			
Fergus																
Flathead																
Gallatin			2	10									11			
Garfield																
Glacier					1								6			
Golden Valley																
Granite																
Hill																
Jefferson																
Judith Basin																
Lake																
Lewis & Clark			5	2				3					4			
Liberty																
Lincoln			1													
McCone																
Madison																
Meagher																
Mineral			2										12			
Missoula					5									1		
Musselshell																
Park																
Petroleum																
Phillips																
Pondera																
Powder River																
Powell																
Prarie																
Ravalli																
Richland					1											
Roosevelt																
Rosebud					1											
Sanders																
Sheridan																
Silver Bow									2							
Stillwater																
Sweet Grass																
Teton													6			
Toole																
Treasure																
Valley																
Wheatland													3			
Wibaux																
Yellowstone					12								1			
TOTAL	0	19	9	45	1	0	36	56	0	1	0	97	1	0	3	0

NO COMMUNICABLE DISEASES REPORTED

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STATE OF MONTANA HELENA, MONTANA 59601

Week No. 18
Ending May 7, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	0	2
Brucellosis	0	0	0	0	0	0
Chicken Pox	19	27	30	409	627	517
Colorado Tick Fever	0	0	0	0	0	0
Encephalitis, Primary	0	0	0	0	2	1
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	0	0	4	42	25	80
Hepatitis, Serum (B)	0	1	0	6	6	13
Hepatitis, Unspecified	0	0	0	6	9	7
Influenza-Like Disease	5	32	23	561	4725	2548
Measles (Rubeola)	41	24	1	926	149	7
Meningococcal Disease	0	0	0	2	2	3
Mumps	0	0	3	3	15	8
Rocky Mountain Spotted Fever	0	0	0	0	0	0
Rubella	0	17	2	7	183	208
Salmonella Infections	1	7	3	10	34	22
Shigella Infections	0	1	1	2	23	35
Streptococcal Pharyngitis	112	20	117	1562	1410	2023
Tuberculosis (New Cases)	1	1	1	13	23	10
Venereal Disease						
Gonorrhea	39	39	45	681	643	764
Syphilis, Prim. & Sec.	0	0	0	0	3	3
Whooping Cough Syndrome	0	0	0	1	2	1
Rabies in Animals	0	10	0	10	44	25

OTHER REPORTABLE DISEASES:

1

COUNTIES

COUNTIES	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	Strep Inf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Babies	
Beaverhead																	
Big Horn		14					1										
Blaine		1		1											13		
Broadwater							2								2		
Carbon																	
Carter																	
Cascade		9		4											17		
Chouteau																	
Custer																	
Daniels																	
Dawson																	
Deer Lodge																	
Fallon		1		1			2								35		
Fergus																	
Flathead																	1
Gallatin																	
Garfield																	
Glacier																	
Golden Valley																	
Granite																	
Hill					1												
Jefferson					1												
Judith Basin																	
Lake			2														
Lewis & Clark		1						10									
Liberty																1	
Lincoln		1															
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula				2											25		
Musselshell																	
Park																	
Petroleum																	
Phillips																	
Pandera																	
Powder River																	
Powell																	
Prairie																	
Ravalli																	
Richland																	
Roosevelt			16														
Rosebud			2														
Sanders																	
Sheridan																	
Silver Bow			2														
Stillwater																	
Sweet Grass																	
Teton															3		
Toole																	
Treasure																	
Valley															2		
Wheatland																	
Wibaux																	
Yellowstone				7				12							1		
TOTAL	0	19	0	39	0	0	5	41	0	0	0	112	1	0	1	0	0



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Department of Health and Environmental Science

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 19 & 20 combined
Ending May 14, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	1	0	0	1	1	9
Brucellosis	0	0	0	1	6	9
Chicken Pox	26	27	12	435	654	549
Colorado Tick Fever	1	0	0	1	0	0
Encephalitis, Primary	0	0	0	0	2	1
Encephalitis, Post-Infectious	0	0	0	0	31	3
Hepatitis, Infectious (A)	6	0	6	48	25	57
Hepatitis, Serum (B)	1	0	0	7	6	13
Hepatitis, Unspecified	3	1	1	9	15	10
Influenza-Like Disease	85	28	30	646	472	2597
Measles (Rubeola)	79	5	2	1005	154	11
Meningococcal Disease	0	0	0	2	2	3
Mumps	0	2	0	3	17	3
Rocky Mountain Spotted Fever	1	0	0	1	0	0
Rubella	1	9	13	5	100	220
Salmonella Infections	1	0	0	11	34	23
Shigella Infections	3	0	2	2	23	31
Streptococcal Pharyngitis	198	54	37	1760	1457	2146
Tuberculosis (New Cases)	4	0	3	17	17	14
Venereal Disease						
Gonorrhea	69	32	25	751	675	531
Syphilis, Prim. & Sec.	0	0	0	0	4	3
Whooping Cough Syndrome	0	0	0	1	2	1
Rabies in Animals	8	2	5	18	46	47

OTHER REPORTABLE DISEASES:

COUNTIES

COUNTIES

COUNTIES	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccocal Disease	Mumps	Rubella	Strepinf. Scari. Rev.	Salmon.	Shig.	T.B.	Animal Rabies	
Beaverhead																	
Big Horn																	
Blaine																	
Broadwater																	
Carbon																	
Carter																	
Cascade	1	5															
Chouteau					11	3	1										
Custer					3												
Daniels																	
Dawson																	
Deer Lodge																	
Fallon																	
Fergus																	
Flathead																	
Gallatin																	
Garfield																	
Glacier																	
Golden Valley																	
Granite																	
Hill																	
Jefferson																	
Judith Basin																	
Lake																	
Lewis & Clark	6		1														
Liberty																	
Lincoln	1		1														
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula																	
Musselshell																	
Park																	
Petroleum																	
Phillips																	
Pondera																	
Powder River																	
Powell																	
Prairie																	
Ravalli																	
Richland																	
Roosevelt																	
Rosebud																	
Sanders																	
Sheridan																	
Silver Bow																	
Stillwater																	
Sweet Grass																	
Teton																	
Toole																	
Treasure																	
Valley																	
Wheatland																	
Wibaux																	
Yellowstone																	
TOTAL	1	26	5	50	6	1	65	79	0	0	1	196	1	0	4	3	

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STATE OF MONTANA HELENA, MONTANA 59601

Week No. 21
Ending May 28, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	1	0	2
Brucellosis	0	0	0	0	0	0
Chicken Pox	6	46	21	441	700	570
Colorado Tick Fever	0	0	0	1	0	0
Encephalitis, Primary	0	0	0	0	2	1
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	3	0	1	50	25	88
Hepatitis, Serum (B)	1	1	0	8	7	13
Hepatitis, Unspecified	3	1	0	12	11	10
Influenza-Like Disease	33	71	10	679	4824	2607
Measles (Rubeola)	17	9	0	1022	163	11
Meningococcal Disease	0	0	0	2	2	3
Mumps	0	2	0	3	19	9
Rocky Mountain Spotted Fever	0	0	0	1	0	0
Rubella	0	6	1	8	198	230
Salmonella Infections	1	2	3	12	36	26
Shigella Infections	0	3	1	2	26	39
Streptococcal Pharyngitis	48	120	38	1808	1584	2186
Tuberculosis (New Cases)	1	4	1	18	21	15
Venereal Disease						
Gonorrhea	17	62	24	767	737	885
Syphilis, Prim. & Sec.	0	0	0	0	4	3
Whooping Cough Syndrome	0	0	0	1	2	1
Rabies in Animals	0	3	18	18	49	65

OTHER REPORTABLE DISEASES

H
COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scar. fev.	Salmon.	Shig.	T.B.	Animal Rabies
	NO COMMUNICABLE DISEASES REPORTED															
Beaverhead			2													
Big Horn																
Bonneville																
Broadwater																
Carbon																
Carter																
Cascade																
Chouteau																
Custer																
Daniels																
Dawson																
Deer Lodge																
Fallon																
ergus																
Flathead																
Gallatin																
Garfield																
Glacier																
Golden Valley																
Gronite																
Hill																
Jefferson																
Judith Basin																
Lake																
Lewis & Clark																
Liberty																
Lincoln																
McCone																
Madison																
Meagher																
Mineral																
Missoula																
Musselshell																
Park																
Petroleum																
Phillips																
Pondera																
Powder River																
Powell																
Prairie																
Revalli																
Richland																
Roosevelt																
Rosebud																
Sanders																
Sheridan																
Silver Bow																
Stillwater																
Sweet Grass																
Teton																
Toole																
Treasure																
Valley																
Wheatland																
Wibaux																
Yellowstone																
	NO COMMUNICABLE DISEASES REPORTED															
TOTAL	0	6	0	17	3	1	33	17	0	0	0	48	1	0	1	0



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STATE OF MONTANA HELENA, MONTANA 59601

JUN 14 '77

Week No. 22
Ending June 4, 1977

MORBIDITY REPORT

STATE DOCUMENTS

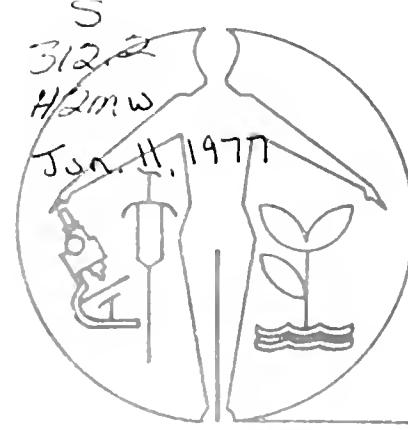
This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	1	0	2
Brucellosis	2	0	0	2	0	0
Chicken Pox	16	25	50	457	725	620
Colorado Tick Fever	0	1	0	1	1	0
Encephalitis, Primary	0	0	0	0	2	1
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	2	0	16	52	25	104
Hepatitis, Serum (B)	0	1	1	8	8	14
Hepatitis, Unspecified	1	0	7	13	11	17
Influenza-Like Disease	27	7	27	706	4831	2634
Measles (Rubeola)	23	5	13	1045	168	24
Meningococcal Disease	0	0	0	2	2	3
Mumps	1	0	1	4	19	10
Rocky Mountain Spotted Fever	0	0	0	1	0	0
Rubella	1	1	4	9	199	234
Salmonella Infections	0	5	1	12	41	27
Shigella Infections	0	0	0	2	26	39
Streptococcal Pharyngitis	129	37	81	1937	1621	2267
Tuberculosis (New Cases)	0	1	0	18	22	15
Venereal Disease						
Gonorrhea	32	25	52	799	725	907
Syphilis, Prim. & Sec.	0	0	0	0	4	3
Whooping Cough Syndrome	0	0	0	1	2	1
Rabies in Animals	6	0	0	24	49	65

OTHER REPORTABLE DISEASES:

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COUNTIES



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2022-2023

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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 23
Ending June 11, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	1	0	1	1	2
Brucellosis	0	0	0	1	0	0
Chicken Pox	9	31	23	466	756	643
Colorado Tick Fever	0	0	0	1	1	0
Encephalitis, Primary	0	0	0	0	2	1
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	7	1	6	59	26	110
Hepatitis, Serum (B)	0	2	0	8	10	14
Hepatitis, Unspecified	1	1	0	14	12	17
Influenza-Like Disease	36	4	16	745	4835	2650
Measles (Rubeola)	26	9	2	1070	177	26
Meningococcal Disease	0	1	1	2	3	4
Mumps	0	0	0	4	19	10
Rocky Mountain Spotted Fever	0	0	0	1	0	0
Rubella	2	15	12	11	214	246
Salmonella Infections	2	4	2	14	45	29
Shigella Infections	1	0	1	3	26	40
Streptococcal Pharyngitis	80	67	114	2017	1688	2381
Tuberculosis (New Cases)	1	0	1	10	22	40
Venereal Disease						
Gonorrhea	30	55	60	829	934	976
Syphilis, Prim. & Sec.	0	0	1	0	4	4
Whooping Cough Syndrome	0	0	0	1	2	1
Rabies in Animals	4	0	14	28	46	70

OTHER REPORTABLE DISEASES:

*DELETE 1 CASE BRUCELLOSIS IN VALLEY COUNTY FROM WEEK NO. 22

COUNTIES



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STATE OF MONTANA HELENA, MONTANA 59601

Week No. 24
Ending June 18, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	1	1	2
Brucellosis	0	0	0	1	0	0
Chicken Pox	12	16	10	466	772	653
Colorado Tick Fever	1	1	0	2	2	0
Encephalitis, Primary	0	0	0	0	2	1
Encephalitis, Post-Infectious	0	0	0	0	1	3
Hepatitis, Infectious (A)	1	0	4	60	26	114
Hepatitis, Serum (B)	1	0	0	9	10	14
Hepatitis, Unspecified	0	0	2	14	12	19
Influenza-Like Disease	27	5	7	772	4840	2657
Measles (Rubeola)	9	12	8	1080	189	34
Meningococcal Disease	0	0	1	2	3	5
Mumps	1	0	1	5	19	11
Rocky Mountain Spotted Fever	0	0	0	1	0	0
Rubella	0	6	2	11	220	248
Salmonella Infections	0	0	3	14	45	32
Shigella Infections	0	0	2	3	26	42
Streptococcal Pharyngitis	75	35	42	2092	1723	2423
Tuberculosis (New Cases)	1	0	1	20	22	16
Venereal Disease						
Gonorrhea	26	37	17	855	871	993
Syphilis, Prim. & Sec.	0	0	0	0	4	4
Whooping Cough Syndrome	0	1	0	0	3	1
Rabies in Animals	0	6	3	28	55	82

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
BEEVERHEAD	-	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-
BIG HORN	-	1	-	-	-	-	-	-	-	-	-	9	-	-	-	-
BLAINE	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
BROADWATER	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
CARBON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARTER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CASCADE	-	2	-	4	-	-	1	-	4	-	1	7	-	-	-	-
CHATEAU	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-	-
CUSTER	-	-	-	-	-	-	-	4	1	-	-	25	-	-	-	-
DANIELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAWSON	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
DEER LODGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FERGUS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLATHEAD	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
GALLATIN	-	2	-	3	-	-	-	-	-	-	-	12	-	-	-	-
GARFIELD	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
GLACIER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOLDEN VALLEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRANITE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HILL	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
JEFFERSON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUDITH BASIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
LEWIS & CLARK	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-
LIBERTY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LINCOLN	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MC CONA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MADISON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAGHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MINERAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOURA	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-
MUSSELSHELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PETROLEUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHILLIPS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PONDERA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
POWDER RIVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POWELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAVALLI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROOSEVELT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROSEBUD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SANDERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHERIDAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILVER BOW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STILLWATER	-	1	-	-	-	-	1	-	-	-	2	-	-	-	-	-
SWEET GRASS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TETON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOOLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TREASURE	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
VALLEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WHEATLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WIBAUX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YELLOWSTONE	-	-	-	14	-	-	2	-	-	-	-	-	-	-	-	-
TOTAL	0	12	0	26	1	1	27	9	0	1	0	75	0	0	1	0



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STATE DOCUMENTS

Week No. 25
 Ending June 25, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	1	1	2
Brucellosis	0	0	0	0	0	0
Chicken Pox	0	0	0	1	0	0
Colorado Tick Fever	30	9	8	508	781	661
Encephalitis, Primary	0	0	1	2	2	1
Encephalitis, Post-Infectious	0	0	0	0	1	1
Hepatitis, Infectious (A)	0	0	0	0	0	3
Hepatitis, Serum (B)	2	0	1	62	26	115
Hepatitis, Unspecified	0	0	2	9	10	16
Influenza-Like Disease	3	0	0	17	12	19
Measles (Rubeola)	7	0	11	779	4840	2668
Meningococcal Disease	48	5	0	1132	194	34
Mumps	1	0	0	3	3	5
Rocky Mountain Spotted Fever	2	0	0	7	19	11
Rubella	1	0	0	2	0	0
Salmonella Infections	1	8	2	12	228	250
Shigella Infections	0	0	2	14	45	34
Streptococcal Pharyngitis	2	0	2	5	28	44
Tuberculosis (New Cases)	56	64	24	2148	1787	2447
Venereal Disease	2	0	0	22	22	16
Gonorrhea						
- Syphilis, Prim. & Sec.	33	49	62	889	920	661
Whooping Cough Syndrome	1	1	0	2	5	4
Rabies in Animals	0	1	2	1	3	3
	0	0	14	28	55	96

OTHER REPORTABLE DISEASES:

* Add 1 case Syphilis to Lewis and Clark County for week #21.

H
COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo* coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B. Animal
Beaverhead															
Big Horn		4													
Bonneville		2		1											
Broadwater															
Carbon									1						
Carter															
Cascade		7		1			2	1	1	2		10			
Chouteau									1						
Custer															
Daniels															
Dawson															
Deer Lodge								3							
Fallon															
Fergus															
Flathead															
Gallatin													9		
Garfield															
Glacier				2											
Golden Valley													1		2
Granite															
Hill															
Jefferson															
Judith Basin															
Lake															
Lewis & Clark	11		1					2							
Liberty															
Lincoln		2													
McCone															
Madison															
Meagher															
Mineral															
Missoula				8	1										
Musselshell															
Park															
Petroleum															
Phillips															
Pondera															
Powder River															
Powell															
Prairie															
Ravalli			4												
Richland															
Roosevelt				6											
Rosebud															
Sanders															
Sheridan															
Silver Bow															
Stillwater															
Sweet Grass															
Teton		1						41				4			
Toole															
Treasure															
Valley													1		
Wheatland															
Wibaux															
Yellowstone		3		11				4	1	2	1	56	0	2	2
TOTAL	0	30	0	33	2	0	7	48	1	2	1	56	0	2	00



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STATE OF MONTANA HELENA, MONTANA 59601

Week No. 26
Ending July 2, 1977

MORBIDITY REPORT

STATE DOCUMENTS

JUL 8 '77

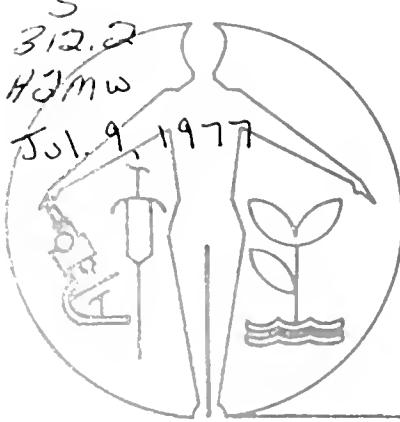
This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	1	0	0	2	2
Brucellosis	0	0	0	1	5	0
Chicken Pox	8	8	3	515	789	664
Colorado Tick Fever	0	2	0	2	4	1
Encephalitis, Primary	0	0	1	0	1	2
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	1	2	3	63	28	118
Hepatitis, Serum (B)	0	0	0	9	10	16
Hepatitis, Unspecified	0	0	1	17	12	20
Influenza-Like Disease	15	3	20	794	4843	2688
Measles (Rubeola)	6	5	2	1138	199	36
Meningococcal Disease	0	0	0	3	3	5
Mumps	0	1	0	7	20	11
Rocky Mountain Spotted Fever	1	0	0	3	0	0
Rubella	0	0	0	12	228	250
Salmonella Infections	1	2	0	15	47	34
Shigella Infections	0	0	2	5	28	46
Streptococcal Pharyngitis	11	27	73	2159	1814	2520
Tuberculosis (New Cases)	0	2	0	22	24	16
Venereal Disease						
Gonorrhea	39	35	28	928	955	1083
Syphilis, Prim. & Sec.	0	0	0	2	5	4
Whooping Cough Syndrome	0	0	2	1	3	5
Rabies in Animals	3	0	0	31	55	96

OTHER REPORTABLE DISEASES:

II COUNTIES



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Week No. 27
Ending July 9, 1977

MORBIDITY REPORT

This Week

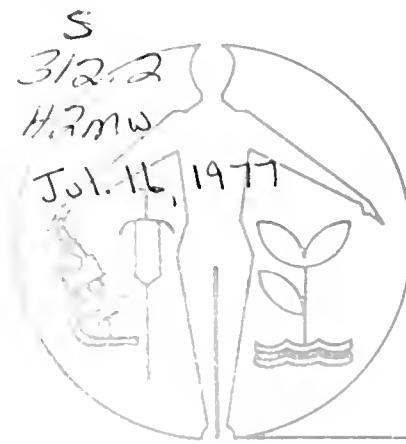
Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	2	2
Brucellosis	0	0	0	1	0	0
Chicken Pox	6	4	5	521	793	669
Colorado Tick Fever	0	0	0	2	4	0
Encephalitis, Primary	0	0	0	0	2	2
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	2	1	1	65	29	119
Hepatitis, Serum (B)	3	0	0	12	10	16
Hepatitis, Unspecified	0	0	0	17	12	20
Influenza-Like Disease	8	4	0	802	4847	2688
Measles (Rubeola)	12	2	11	1150	201	37
Meningococcal Disease	0	0	0	3	3	5
Mumps	2	0	2	9	20	13
Rocky Mountain Spotted Fever	0	0	0	3	0	0
Rubella	0	4	0	12	292	250
Salmonella Infections	2	3	0	17	50	34
Shigella Infections	0	0	2	5	28	48
Streptococcal Pharyngitis	67	47	62	2226	1861	2582
Tuberculosis (New Cases)	1	5	1	23	29	17
Venereal Disease						
Gonorrhea	89	46	29	1017	1001	1112
Syphilis, Prim. & Sec.	0	0	0	3	5	0
Whooping Cough Syndrome	0	0	0	1	3	0
Rabies in Animals	0	0	0	31	55	96

OTHER REPORTABLE DISEASES:

II
COUNTIES

COUNTIES	H	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Shig.	T.B.	Animal Rabies	
Beaverhead																	
Big Horn			1		2			1	2					9			
Blaine														5			
Broadwater																	
Carbon																	
Carter																	
Cascade			3		16	2			5	7	2		10				
Chouteau																	
Custer																	
Daniels																	
Dawson																	
Deer Lodge.																	
Fallon																	
Fergus																	1
Flathead																	
Galatin														3			
Garfield																	
Glacier														14			
Golden Valley																	
Granite																	
Hill																	
Jefferson																	
Judith Basin																	
Lake																	
Lewis & Clark														1			
Liberty																	
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula																	
Musselshell																	
Park																	
Petroleum																	
Phillips																	
Pondera																	
Powder River																	
Powell																	
Prairie																	
Ravalli																	
Richland																	
Roosevelt																	
Rosebud																	
Sanders																	
Sheridan																	
Silver Bow																	
Stillwater														1			
Sweet Grass				2													
Teton																	
Toole																	
Treasure																	
Valley																	
Wheatland																	
Wibaux																	
Yellowstone																	
TOTAL		0	6	0	89	21	3	8	12	0	2	0	67	2	0	1	0



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STATE DOCUMENTS

Week No. 28
Ending July 16, 1977

MORBIDITY REPORT

JUL 27 '77

This Week

Reported to Date

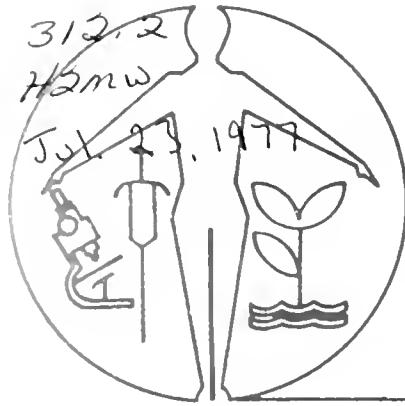
Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	0	2	2
Brucellosis	0	1	0	1	1	0
Chicken Pox	2	11	6	523	804	675
Colorado Tick Fever	2	7	0	4	11	2
Encephalitis, Primary	0	0	0	0	2	2
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	2	1	13	67	30	132
Hepatitis, Serum (B)	2	1	0	14	11	16
Hepatitis, Unspecified	0	0	0	17	12	20
Influenza-Like Disease	14	14	8	816	4861	2696
Measles (Rubeola)	6	1	1	1156	202	38
Meningococcal Disease	0	1	2	3	4	7
Mumps	0	0	5	9	0	18
Rocky Mountain Spotted Fever	0	0	0	3	0	1
Rubella	2	0	1	14	292	251
Salmonella Infections	1	0	0	18	50	34
Shigella Infections	0	0	0	5	28	48
Streptococcal Pharyngitis	61	92	29	2287	1953	2611
Tuberculosis (New Cases)	2	0	0	25	29	17
Venereal Disease						
Gonorrhea	26	45	41	1043	1046	1153
Syphilis, Prim. & Sec.	0	0	0	4	5	4
Whooping Cough Syndrome	0	1	0	1	4	5
Rabies in Animals	0	0	8	31	55	104

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal	Rabies
Beaverhead																	
Big Horn				1			1								1		
Blaine				1											21		
Broadwater																	
Carbon																	
Carter																	
Cascade				3	1		1							2	17		
Chouteau															5		
Custer			2		1												
Daniels																	
Dawson																	
Deer Lodge																	
Fallon																	
Fergus																	
Flathead																	1
Gallatin					5										1		
Garfield																	
Glacier															1		
Golden Valley																	
Granite																	
Hill			2														
Jefferson																	
Judith Basin																	
Lake																	
Lewis & Clark				3	1												
Liberty																	
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula					1				5								
Musselshell					1												
Park											1						
Petroleum																	
Phillips																	
Pondera																	
Powder River																	
Powell																	
Prairie																	
Ravalli				2													
Richland															1		
Roosevelt																	1
Rosebud					1												
Sanders																	
Sheridan																	
Silver Bow																	
Stillwater																	
Sweet Grass																	
Teton																	
Toole																	
Treasure																	
Valley																	
Wheatland																	
Wibaux																	
Yellowstone					5	1											
TOTAL	0	2	0	26	2	2	14	6	0	0	2	61	1	0	2	0	



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Department of Health and Environmental Science

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 29
Ending July 23, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	1	0	0	3	2
Brucellosis	0	0	0	1	1	0
Chicken Pox	7	4	6	530	808	681
Colorado Tick Fever	0	0	3	4	11	5
Encephalitis, Primary	0	0	0	0	2	2
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	3	0	1	70	30	133
Hepatitis, Serum (B)	1	0	1	15	11	17
Hepatitis, Unspecified	0	1	2	17	13	22
Influenza-Like Disease	60	1	6	876	4862	2702
Measles (Rubeola)	1	0	1	1157	202	252
Meningococcal Disease	0	0	0	3	4	7
Mumps	0	0	3	9	20	21
Rocky Mountain Spotted Fever	0	0	0	3	0	1
Rubella	0	0	1	14	292	252
Salmonella Infections	0	0	0	18	50	34
Shigella Infections	0	0	2	5	28	50
Streptococcal Pharyngitis	60	21	31	2347	1974	2642
Tuberculosis (New Cases)	0	1	6	25	30	23
Venereal Disease						
Gonorrhea	48	42	44	1091	1088	1197
Syphilis, Prim. & Sec.	0	0	0	4	5	4
Whooping Cough Syndrome	0	0	0	1	4	5
Rabies in Animals	2	0	0	33	55	104

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin. Enceph. Total	Chicken Pox	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
COUNTIES														
Beaverhead														
Big Horn														
Blaine														
Broadwater														
Carbon														
Carter														
Cascade														
Chouteau														
Custer														
Daniels														
Dawson														
Deer Lodge														
Fallon														
Fergus														
Flathead														
Gallatin														
Garfield														
Glacier														
Golden Valley														
Granite														
Hill														
Jefferson														
Judith Basin														
Lake														
Lewis & Clark														
Liberty														
Lincoln														
McCone														
Madison														
Meagher														
Mineral														
Missoula														
Musselshell														
Park														
Petroleum														
Phillips														
Pondera														
Powder River														
Powell														
Prairie														
Rovalli														
Richland														
Roosevelt														
Rosebud														
Sanders														
Sheridan														
Silver Bow														
Stillwater														
Sweet Grass														
Teton														
Toole														
Treasure														
Valley														
Wheatland														
Wibaux														
Yellowstone														
TOTAL	0	7	0	48	3	1	60	1	0	0	60	0	0	2



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STATE OF MONTANA HELENA, MONTANA 59601

Week No. 30
Ending July 30, 1977

MORBIDITY REPORT

AUG 9 77

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	2	0	0	2	3	2
Brucellosis	0	0	0	1	1	0
Chicken Pox	7	2	12	537	810	693
Colorado Tick Fever	2	0	0	6	11	5
Encephalitis, Primary	0	0	1	0	2	3
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	11	0	3	81	30	136
Hepatitis, Serum (B)	0	1	0	15	12	17
Hepatitis, Unspecified	1	0	0	18	13	22
Influenza-Like Disease	2	13	3	878	4875	2705
Measles (Rubeola)	2	0	2	1159	202	41
Meningococcal Disease	0	0	0	3	4	7
Mumps	0	0	0	9	20	21
Rocky Mountain Spotted Fever	0	0	0	3	0	1
Rubella	0	0	0	14	292	252
Salmonella Infections	0	2	0	18	52	34
Shigella Infections	0	0	2	5	28	52
Streptococcal Pharyngitis	69	43	30	2416	2017	2672
Tuberculosis (New Cases)	0	2	10	25	32	33
Venereal Disease						
Gonorrhea	46	54	34	1137	1142	1231
Syphilis, Prim. & Sec.	1	0	0	5	5	4
Whooping Cough Syndrome	0	0	0	1	4	5
Rabies in Animals	0	11	28	33	66	132

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scar. fev.	Salmon.	Shig.	T.B.	Animal	Rabies
Beaverhead																	
Big Horn		4															
Blaine				4													
Broadwater																	
Carbon																	
Carter																	
Cascade		3			9	8				1							
Chouteau					1												
Custer																	
Daniels																	
Dawson																	
Deer Lodge																	
Fallon																	
Fergus																	
Flathead																	
Gallatin																	
Garfield																	
Glacier																	
Golden Valley					1	1											
Granite																	
Hill																	
Jefferson																	
Judith Basin																	
Lake																	
Lewis & Clark				6													
Liberty																	
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula																	
Musselshell																	
Park																	
Petroleum																	
Phillips																	
Pondera																	
Powder River																	
Powell																	
Prairie																	
Ravalli																	
Richland		1															
Roosevelt						1											
Rosebud						1											
Sanders						1											
Sheridan						1											
Silver Bow																	
Stillwater																	
Sweet Grass																	
Teton																	
Toole																	
Treasure																	
Valley																	
Wheatland																	
Wibaux																	
Yellowstone		1				4	1										
TOTAL	2	7	0	46	11	0	2	2	0	0	0	69	0	0	0	0	0



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STATE DOCUMENTS

Week No. 31
Ending August 6, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	--	0	2	3	2
Brucellosis	0	--	0	1	1	0
Chicken Pox	2	--	16	539	810	709
Colorado Tick Fever	0	--	0	6	11	5
Encephalitis, Primary	0	--	2	0	2	5
Encephalitis, Post-Infectious	0	--	0	0	0	3
Hepatitis, Infectious (A)	4	--	4	85	30	140
Hepatitis, Serum (B)	1	--	2	16	12	19
Hepatitis, Unspecified	0	--	0	18	13	22
Influenza-Like Disease	11	--	38	889	4875	2743
Measles (Rubeola)	0	--	0	1159	202	41
Meningococcal Disease	0	--	0	3	4	7
Mumps	0	--	0	9	20	21
Rocky Mountain Spotted Fever	0	--	0	3	0	1
Rubella	0	--	0	14	292	252
Salmonella Infections	0	--	3	18	52	37
Shigella Infections	0	--	0	5	28	52
Streptococcal Pharyngitis	33	--	54	2449	2017	2726
Tuberculosis (New Cases)	1	--	1	26	32	34
Venereal Disease						
Gonorrhea	73	--	42	1210	1142	1273
Syphilis, Prim. & Sec.	0	--	0	5	5	4
Whooping Cough Syndrome	0	--	0	1	4	5
Rabies in Animals	0	--	4	33	66	136

OTHER REPORTABLE DISEASES:

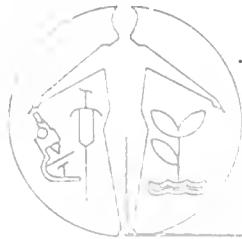
Tetanus	1	--	0	0	0	0
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H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubeilla	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal	Rabies
TOTAL	0	2	0	73	4	1	11	0	0	0	0	33	0	0	1	0	
Beaverhead																	
Big Horn		2		8					1								
Blaine				1												3	
Broadwater																13	
Carbon																	
Carter																	
Cascade																	
Chouteau																	
Custer																	
Daniels																	
Dowson																	
Deer Lodge																	5
Fallon																	
Fergus																	
Flothead				2													
Gallatin																	
Garfield																	
Glacier																	
Golden Valley				6	1											5	1
Granite																	
Hill					1												
Jefferson					1												
Judith Basin																	
Lake					5												
Lewis & Clark					2												
Liberty																	
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula																	
Musselshell																	
Park							1										
Petroleum																	
Phillips																	
Pandora																	
Powder River					1												
Powell																	
Prairie																	
Ravalli					1												
Richland																	
Roosevelt																	
Rosebud																	
Sanders																	
Sheridan																	
Silver Bow																	
Stillwater																	
Sweet Grass																	
Teton																	
Toole																	
Treasure																	
Valley																	
Wheatland																	
Wibaux																	
Yellowstone																	
TOTAL	0	2	0	73	4	1	11	0	0	0	0	33	0	0	1	0	0

1 Tetanus Case in Deer Lodge County



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

EPIDEMIOLOGIC NOTES AND COMMENTS 'THE TICK TELEGRAPH'

August 9, 1977

TO: All Health Officers
FROM: Dr. Skinner
SUBJECT: ALERT: Epidemic Dengue in Jamaica

Dengue is a mosquito-born viral disease characterized by abrupt onset, moderate to high fever, severe headache, profound aching of muscles and joints, "bone ache", eye aches, prostration and rash. The incubation period is 4-10 days and the rash usually appears 3-4 days after the fever. The disease is now widespread in Jamaica and may be spreading to other Caribbean islands, and Dengue Type 1 virus has been isolated by CDC from Jamaican patients.

Suspect cases of Dengue have occurred in Travelers returning to the United States from Jamaica. At least one suspect case has occurred in Montana and is currently under investigation.

Dengue epidemics have been observed in the Caribbean and southeastern U.S. for 200 years. The only known vector, Aedes aegypti, does not live elsewhere in the U.S., thus the risk of spread from an imported case in Montana is nil.

In spite of the fact that the risk of dengue infection appears to be small, TRAVELERS TO JAMAICA SHOULD TAKE PRECAUTIONS TO AVOID MOSQUITO BITES. The vector, mosquito, Aedes aegypti, is active in the day time and is most frequently found near human habitations where it breeds in small containers of water such as discarded tires, vases, and barrels. Few mosquitoes will be found in areas where careful housekeeping and sanitation have eliminated such breeding containers. The risk of bites may be reduced by appropriate application of insect repellent, and by protective clothing such as long sleeved shirts and pants. There is no vaccine against dengue infection. Travelers should advise their physician of any acute febrile illness occurring within 2 weeks after leaving Jamaica. Physicians should notify their state health department of any patient with suspect dengue fever infection.

TO AID IN THE EPIDEMIOLOGIC ASSESSMENT OF IMPORTED DENGUE, LOCAL HEALTH DEPARTMENTS ARE ASKED TO:

- 1) report all suspected cases of imported dengue to Preventive Health Services Bureau, give symptoms, the name and telephone number of the attending physician, patient's name, age, sex, race, dates and places of recent travel, history of St. Louis encephalitis, yellow fever, or Y.F. vaccination, or previous residence in a dengue receptive area.
- 2) obtain paired sera 2 weeks apart for serology on all suspect cases.
- 3) obtain serum specimens for virus isolation if onset of symptoms is within the previous 4 days (freeze immediately and ship frozen on dry ice or wet ice to the State's Microbiology Laboratory). Container must be securely sealed.





MARTIN D. SKINNER, M.D.
STATE EPIDEMIOLOGIST & CHIEF
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Department of Health and Environmental Sciences

AUG 22 '77

Week No. 32
Ending August 13, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	2	3	2
Brucellosis	0	0	0	1	1	0
Chicken Pox	3	7	8	542	817	717
Colorado Tick Fever	0	1	0	6	12	5
Encephalitis, Primary	0	0	0	0	2	5
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	5	1	14	89	31	154
Hepatitis, Serum (B)	0	0	2	16	12	21
Hepatitis, Unspecified	1	0	0	20	13	22
Influenza-Like Disease	1	7	58	890	4882	2801
Measles (Rubeola)	3	0	1	1162	202	42
Meningococcal Disease	0	0	0	3	4	7
Mumps	1	0	2	10	20	23
Rocky Mountain Spotted Fever	0	0	0	3	0	1
Rubella	0	0	0	14	292	252
Salmonella Infections	1	3	0	19	55	37
Shigella Infections	0	0	0	5	28	52
Streptococcal Pharyngitis	50	31	43	2499	2048	2769
Tuberculosis (New Cases)	2	5	1	28	37	35
Venereal Disease						
Gonorrhea	42	88	36	1252	1230	1309
Syphilis, Prim. & Sec.	0	2	0	5	7	4
Whooping Cough Syndrome	0	0	2	1	4	7
Rabies in Animals	0	0	4	33	66	140

OTHER REPORTABLE DISEASES:

二
COUNTIES

COUNTIES	H	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead																	
Big Horn				2		1		1						7	1		
Blaine														16			
Broadwater																	
Carbon																	
Carter																	
Cascade					7							1					
Chouteau																	
Custer														5			
Daniels																	
Dawson																	
Deer Lodge						1											
Fallon																	
Fergus																	
Flathead						1											
Gallatin							4							2			
Garfield																	
Glacier																	
Golden Valley				1			4			1				8			
Granite																	
Hill																	
Jefferson																	
Judith Basin																	
Lake						1	1										
Lewis & Clark																	
Liberty														1			
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula																	
Musselshell																	
Park																	
Petroleum																	
Phillips																	
Pondera																	
Powder River															1		
Powell																	
Prairie																	
Ravalli							2										
Richland																	
Roosevelt							1										
Rosebud																	
Sanders																	
Sheridan																	
Silver Bow							4										
Stillwater															1		
Sweet Grass																	
Teton																	
Taole																	
Treasure																	
Valley																	
Wheatland																	
Wibaux																	
Yellowstone																	
TOTAL		0	3	0	42	5	0	1	3	0	1	0	50	1	0	2	0



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

EPIDEMIOLOGIC NOTES AND COMMENTS 'THE TICK TELEGRAPH'

August 18, 1977

Since mid-July, encephalitis-like activity in horses has been increasing in the eastern half of the State. The illness is clinically compatible with Western Equine Encephalitis. A telephone survey by Dr. Glenn Halver, State Veterinarian, has shown widespread activity. Cases in horses reported to him were as follows (an asterix indicates a county where serological evidence for WEE activity in horses has been found):

Beaverhead	0	Missoula	0
Big Horn	25	Phillips	7
Blaine	2	Ravalli*	1
Carbon*	5	Richland	12
Custer	10	Roosevelt*	2
Daniels*	1	Valley	12
Dawson*	4	Yellowstone*	8 or more
Fergus	5		
Madison	2		

The virus of WEE is transmitted by the mosquito Culex tarsalis to both horses and man. Its reservoir seems to be in wild and domestic birds. Infected horses are not in themselves contagious to man but are a sign of the presence of the virus in mosquitoes of an area.

So far this year there has been one possible human case in Montana, though its location (Flathead County) and timing (mid-July) make it somewhat suspect. WEE is hard to separate clinically from other viral CNS infections, and may easily be confused with aseptic meningitis or encephalitis of other etiologies. Specific etiologic diagnosis is made by demonstrating antibody titer rises between acute and convalescent serum specimens.

During the season for WEE - the next month or so - physicians are asked to keep a high index of suspicion for WEE in cases of aseptic meningitis or encephalitis. Please 1) think of the diagnosis

2) Report cases of encephalitis and aseptic meningitis promptly, either on a confidential case card or by calling the Bureau of Preventive Health Services at 800-332-2288 (our Hotline) or 449-2645.

3) Send paired sera, two weeks apart, to the State Microbiology Laboratory for confirmation in suspected cases.

4) A stool specimen should be submitted to the State Microbiology Laboratory for virus isolation to rule out an enterovirus as the cause of the illness.



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STATE OF MONTANA HELENA, MONTANA 59601

AUG 30 '77

STATE DOCUMENT

Week No. 33
Ending August 20, 1977

MORBIDITY REPORT

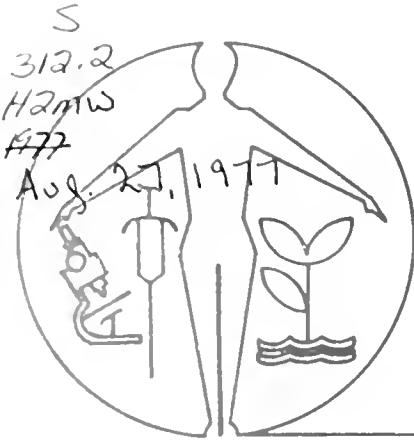
This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	2	3	2
Brucellosis	0	0	0	1	1	0
Chicken Pox	0	4	0	542	821	717
Colorado Tick Fever	0	5	0	6	17	5
Encephalitis, Primary	1	0	0	1	2	5
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	2	5	8	91	36	162
Hepatitis, Serum (B)	0	0	0	16	12	21
Hepatitis, Unspecified	0	0	1	20	13	23
Influenza-Like Disease	3	8	31	893	4890	2832
Measles (Rubeola)	0	0	8	1162	202	50
Meningococcal Disease	0	0	0	3	4	7
Mumps	0	0	2	10	20	25
Rocky Mountain Spotted Fever	2	0	0	5	0	1
Rubella	0	2	0	14	294	252
Salmonella Infections	0	5	0	19	60	37
Shigella Infections	0	1	0	5	29	52
Streptococcal Pharyngitis	50	75	40	2549	2123	2809
Tuberculosis (New Cases)	1	0	0	29	37	35
Venereal Disease						
Gonorrhea	61	38	51	1313	1268	1360
Syphilis, Prim. & Sec.	0	0	0	5	7	4
Whooping Cough Syndrome	0	0	0	1	4	7
Rabies in Animals	0	0	0	33	66	140

OTHER REPORTABLE DISEASES:

COUNTIES



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STATE OF MONTANA HELENA, MONTANA 59601

SEP 7 '77

Week No. 34
Ending August 27, 1977

MORBIDITY REPORT

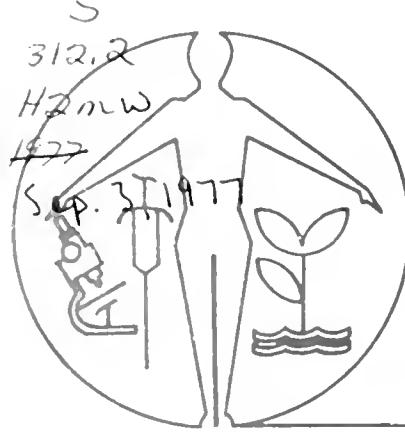
Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	2	3	2
Brucellosis	0	0	0	1	1	0
Chicken Pox	1	6	13	543	827	730
Colorado Tick Fever	0	0	0	6	17	5
Encephalitis, Primary	1	0	0	2	2	5
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	3	1	2	94	27	164
Hepatitis, Serum (B)	0	0	0	16	12	21
Hepatitis, Unspecified	0	0	0	20	13	23
Influenza-Like Disease	26	2	22	919	4892	2854
Measles (Rubeola)	3	1	0	1165	203	50
Meningococcal Disease	0	0	0	3	4	7
Mumps	0	0	0	10	20	25
Rocky Mountain Spotted Fever	0	0	0	5	0	1
Rubella	0	0	0	14	294	252
Salmonella Infections	2	0	0	21	60	37
Shigella Infections	0	1	3	5	30	55
Streptococcal Pharyngitis	40	123	11	2589	2246	2820
Tuberculosis (New Cases)	4	0	4	33	37	39
Venereal Disease						
Gonorrhea	39	43	59	1352	1311	1419
Syphilis, Prim. & Sec.	0	0	0	5	7	4
Whooping Cough Syndrome	0	0	1	1	4	8
Rabies in Animals	0	2	1	33	68	141

OTHER REPORTABLE DISEASES:

Malaria	1	0	0	1	0	0
---------	---	---	---	---	---	---

COUNTIES

COUNTIES	H	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarli. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead																	
Big Horn																	
Bloine																	
Broadwater																	
Carbon																	
Carter																	
Cascade			1		3	2											
Chouteau								25									
Custer																	1
Daniels																	
Dawson																	
Deer Lodge																1	
Fallon								1									
Fergus																	
Flothead																	
Gallatin						1											
Garfield																	
Glacier																	
Golden Valley															4		
Granite																	
Hill																	
Jefferson																	
Judith Bosin																	
Lake					2												
Lewis & Clark					4												
Liberty						1									1		
Lincoln																	
McCane																	
Madison																	
Meagher															2		
Minerol																	
Missouda																	1
Musselshell																	
Pork																	
Petroleum																	
Phillips																	
Pondero																	
Powder River																	
Powell																	
Prarie																	
Ravalli																	
Richlond									3								
Roosevelt																	
Rasebud																	
Sanders																	1
Sheridon																	
Silver Bow																	1
Stillwater																	
Sweet Grass																	
Teton															8		
Toole																	
Treasure																	
Volley				1	1										1		
Wheatland																	
Wiboux																	
Yellowstone							27									1	
TOTAL		0	1	1	39	3	0	26	3	0	0	0	40	2	0	4	0



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STATE OF MONTANA HELENA, MONTANA 59601

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STATE DOCUMENTS

Week No. 35
Ending September 3, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	1	0	0	3	3	2
Brucellosis	0	0	0	1	1	0
Chicken Pox	0	0	0	547	830	733
Colorado Tick Fever	4	3	3			
Encephalitis, Primary	0	1	0	6	18	0
Encephalitis, Post-Infectious	0	0	0	2	2	5
Hepatitis, Infectious (A)	0	0	0	0	0	3
Hepatitis, Serum (B)	2	1	1	96	28	165
Hepatitis, Unspecified	0	0	1	16	12	22
Influenza-Like Disease	1	0	1	21	13	24
Measles (Rubeola)	4	2	2	919	4894	2856
Meningococcal Disease	0	1	0	1165	204	50
Mumps	0	0	0	3	4	7
Rocky Mountain Spotted Fever	0	1	0	10	21	25
Rubella	0	0	0	5	0	0
Salmonella Infections	0	0	0	14	294	252
Shigella Infections	0	0	0	21	60	37
Streptococcal Pharyngitis	2	1	1	7	31	56
Tuberculosis (New Cases)	55	83	34	2644	2329	2854
Venereal Disease	2	1	0	35	37	39
Gonorrhea						
Syphilis, Prim. & Sec.	23	59	30	1375	1370	1449
Whooping Cough Syndrome	0	0	1	5	7	1
Rabies in Animals	0	0	1	1	4	1
	7	0	2	40	68	143

OTHER REPORTABLE DISEASES:

II COUNTIES

COUNTIES	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- Coccal Disease	Mumps	Rubella	StrepInf. ScarL. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead																
Big Horn			2													
Blaine				3											3	
Broadwater															23	
Carbon																
Carter																
Cascade				4												
Chouteau																
Custer					1											
Daniels																
Dawson																
Deer Lodge															10	
Fallon																
Fergus																
Flathead																
Gallatin																
Garfield															4	
Glacier																
Golden Valley					5											
Granite																
Hill																
Jefferson																
Judith Basin					1											
Lake							2									
Lewis & Clark						1										
Liberty																
Lincoln																
McCone																
Madison																1
Meagher																
Mineral																
Missoula																
Musselshell																
Park																
Petroleum															1	
Phillips																
Pondera																
Powder River																
Powell																2
Prairie																
Ravalli																
Richland																
Roosevelt																2
Rosebud																
Sanders																
Sheridan	1	2														
Silver Bow						2										
Stillwater																
Sweet Grass																
Teton																
Toole																
Treasure																
Valley																
Wheatland																
Wibaux																
Yellowstone																
TOTAL	1	4	0	23	2	0	4	0	0	0	0	55	0	2	2	7



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Department of Health and Environmental Sciences STATE OF MONTANA HELENA, MONTANA 59601

SEP 20 77

Week No. 36
Ending September 10, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	3	3	2
Brucellosis	1	0	0	2	1	0
Chicken Pox	11	1	14	558	831	747
Colorado Tick Fever	0	0	1	6	18	6
Encephalitis, Primary	0	0	0	2	2	5
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	7	1	1	103	29	166
Hepatitis, Serum (B)	0	0	0	16	12	22
Hepatitis, Unspecified	2	0	1	23	13	25
Influenza-Like Disease	28	9	57	947	4903	2913
Measles (Rubeola)	2	0	0	1167	204	50
Meningococcal Disease	0	0	0	3	4	7
Mumps	0	0	1	10	21	26
Rocky Mountain Spotted Fever	1	1	0	6	1	4
Rubella	0	0	0	14	294	252
Salmonella Infections	3	0	6	24	60	43
Shigella Infections	0	0	0	7	31	56
Streptococcal Pharyngitis	64	17	55	2708	2346	2909
Tuberculosis (New Cases)	0	1	0	35	39	39
Venereal Disease						
Gonorrhea	70	23	57	1445	1393	1506
Syphilis, Prim. & Sec.	0	0	0	5	7	4
Whooping Cough Syndrome	0	0	0	1	4	11
Rabies in Animals	0	0	0	40	68	143

OTHER REPORTABLE DISEASES:

H
COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	StrepInf.	Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead							5										
Big Horn													3				
Blaine			1	1									2				
Broadwater																	
Carbon																	
Carter																	
Cascade			5	9	2			1						1			
Chouteau							4										
Custer																	
Daniels			3	4									5				
Dawson								1									
Deer Lodge													20				
Fallon							3										
Fergus																	
Flathead																	
Gallatin																	
Gorfield																	
Glacier																	
Golden Valley																	
Granite																	
Hill																	
Jefferson																	
Judith Basin																	
Lake							1										
Lewis & Clark																	
Liberty																	
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula																	
Musselshell																	
Park																	
Petroleum																	
Phillips																	
Pondera																	
Powder River																	
Powell																	
Prairie																	
Ravalli														1			
Richland																	
Roosevelt																	
Rosebud							10										
Sanders							6										
Sheridan																	
Silver Bow																	
Stillwater																	
Sweet Grass																	
Teton														12			
Toole																	
Treasure																	
Valley														4			
Wheatland																	
Wibaux																	
Yellowstone															1		
TOTAL	0	11	0	70	7	0	28	2	0	0	0	0	64	3	0	0	0



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Department of Health and Environmental Sciences

Week No. 37
Ending September 17, 1977

MORBIDITY REPORT

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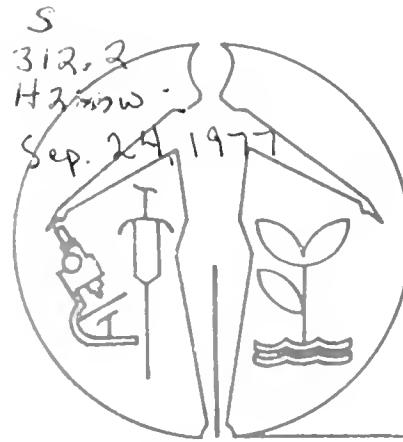
Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	3	3	2
Brucellosis	0	0	0	2	1	0
Chicken Pox	6	4	16	564	835	763
Colorado Tick Fever	0	0	2	6	18	8
Encephalitis, Primary	0	0	0	2	2	5
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	1	2	18	104	31	184
Hepatitis, Serum (B)	0	0	1	16	12	23
Hepatitis, Unspecified	1	1	3	24	14	28
Influenza-Like Disease	55	18	28	1002	4921	2941
Messles (Rubeola)	0	0	0	1167	204	50
Meningococcal Disease	0	0	0	3	4	7
Mumps	1	0	1	11	21	27
Rocky Mountain Spotted Fever	0	0	0	6	1	4
Rubella	0	1	0	14	295	252
Salmonella Infections	1	2	1	25	62	44
Shigella Infections	0	0	1	7	31	57
Streptococcal Pharyngitis	60	91	39	2768	2437	2948
Tuberculosis (New Cases)	0	0	0	35	39	39
Venereal Disease						
Gonorrhea	53	66	40	1498	1459	1546
Syphilis, Prim. & Sec.	0	2	0	5	9	4
Whooping Cough Syndrome	0	0	2	1	4	13
Rabies in Animals	0	1	0	40	69	143

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead																
Big Horn					1											
Blaine					4											
Broadwater																
Carbon																
Carter																
Cascade			3		10	1		1								
Chouteau																
Custer																
Daniels																
Dawson																
Deer Lodge																
Fallon																
Fergus																
Flathead					1											
Gallatin					4											
Garfield																
Glacier					4											
Golden Valley																
Granite																
Hill					1											
Jefferson																
Judith Basin																
Lake					2											
Lewis & Clark			3													
Liberty																
Lincoln																
McCone																
Madison																
Meagher																
Mineral																
Missoula					10											
Musselshell																
Park																
Petroleum																
Phillips																
Pondera																
Powder River																
Powell																
Prairie																
Ravalli					1											
Richland																
Roosevelt																
Rosebud																
Sanders																
Sheridan																
Silver Bow																
Stillwater																
Sweet Grass																
Teton																
Toole																
Treasure																
Valley																
Wheatland																
Wibaux																
Yellowstone																
					15											
TOTAL	0	6	0	53	1	0	55	0	0	1	0	60	1	0	0	0



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 38
Ending September 24, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	1	0	3	4	2
Brucellosis	0	0	0	2	1	0
Chicken Pox	3	4	3	567	839	766
Colorado Tick Fever	0	0	0	6	18	8
Encephalitis, Primary	0	0	1	2	2	6
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	14	0	10	118	31	194
Hepatitis, Serum (B)	1	0	0	17	12	23
Hepatitis, Unspecified	1	0	2	25	14	30
Influenza-Like Disease	6	25	34	1008	4946	2975
Measles (Rubeola)	0	0	0	1167	204	50
Meningococcal Disease	0	0	0	3	4	7
Mumps	0	0	1	10	21	28
Rocky Mountain Spotted Fever	0	0	0	6	1	4
Rubella	0	0	0	14	295	252
Salmonella Infections	3	1	2	28	63	46
Shigella Infections	0	0	0	7	31	57
Streptococcal Pharyngitis	76	73	32	2844	2510	2980
Tuberculosis (New Cases)	3	2	0	38	41	39
Venereal Disease						
Gonorrhea	65	47	81	1563	1506	1627
Syphilis, Prim. & Sec.	0	0	0	5	9	4
Whooping Cough Syndrome	0	0	0	1	4	13
Rabies in Animals	5	2	0	45	71	143

OTHER REPORTABLE DISEASES:

100% DOCUMENTS
100% INDEXED
100% SERIALIZED
100% FILED

9/12/77

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead				9			6									
Big Horn												4				
Bloine												19				
Broadwater																
Carbon																
Carter																
Cascade		2		13	1							11	1			
Chautau					1											
Custer																
Daniels																
Dowson					1	6										
Deer Lodge																
Fallon																
Fergus					1											
Flathead																
Gallatin																
Garfield																
Glacier																
Golden Valley				10	2							7				
Granite																
Hill																
Jefferson												5				
Judith Basin																
Lake				1												
Lewis & Clark		1		2												
Liberty																
Lincoln																1
McCane																
Madison																
Meagher																
Mineral																
Missoula															1	1
Musselshell																
Park																
Petroleum																
Phillips																
Pondero																
Powder River																1
Powell																
Prairie																
Ravalli					1											
Richland																
Roosevelt																
Rosebud																
Sanders					1	5										
Sheridan																
Silver Bow					1											
Stillwater																
Sweet Grass																
Teton																
Toole					1											
Treasure																
Volley															7	
Wheatland																
Wibaux																
Yellowstone																
TOTAL	0	3	0	65	14	1	6	0	0	0	0	76	3	0	3	5

Delete 1 mumps - Sheridan County - week #37



MARTIN D. SKINNER, M.D.
STATE EPIDEMIOLOGIST & CHIEF
PREVENTIVE HEALTH SERVICES
AREA CODE 406 449-2645

ARTHUR C. KNIGHT M.D.
DIRECTOR

Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

EPIDEMIOLOGIC NOTES AND COMMENTS 'THE TICK TELEGRAPH'

September 27, 1977

TO: ALL HEALTH OFFICERS

FROM: Dr. Skinner

RECOMMENDATION FOR PERSONS TRAVELING TO THE MIDDLE EAST

The following memorandum was recently received from The Quarantine Division, Bureau of Epidemiology, Center for Disease Control, USPHS, and is reproduced in its entirety for your information. Please address any questions to this bureau.

"The World Health Organization has recently received confirmed reports of cholera in the Middle East in Jordan, Lebanon, Syrian Arab Republic, and Saudi Arabia. Other countries may be affected but confirmed reports have not been submitted to the World Health Organization.

The risk of cholera to United States travelers is small. There have been only 7 confirmed cases of cholera among United States travelers in the last 17 years. Generally speaking, travelers who stay in tourist accommodations on the usual tourist itinerary and who are careful about what they eat and drink will be at very slight risk of cholera. The best protection against cholera is for travelers to avoid potentially contaminated food and water by eating only cooked foods which are still hot, and by drinking only carbonated bottled water, carbonated soft drinks, beer and wine, and boiled water or water that they have treated themselves with chlorine or iodine drops or tablets.

Cholera vaccine is not very effective and should not be relied upon to protect travelers against cholera; however, during this outbreak a cholera vaccination and an International Certificate of Vaccination against Cholera may be indicated to facilitate travel across borders.

The United States has no cholera vaccination requirement. If returning travelers have severe diarrhea, the Quarantine Division may obtain a stool culture and allow the traveler to go on his way. Although some infected persons may enter the United States, there is little danger of transmission of cholera because cholera is transmitted through contaminated water or food and not person-to-person. The water supplies, sewage disposal, and food handling in the United States should be adequate to prevent secondary transmission of cholera within the United States."





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Department of Health and Environmental Sciences
STATE OF MONTANA HELENA, MONTANA 59601

Week No. 39
Ending October 1, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	3	4	2
Brucellosis	0	0	0	2	1	0
Chicken Pox	7	5	2	574	844	768
Colorado Tick Fever	0	0	0	6	18	8
Encephalitis, Primary	0	0	0	2	2	6
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	0	0	0	118	31	194
Hepatitis, Serum (B)	2	2	1	19	14	24
Hepatitis, Unspecified	1	2	0	26	16	30
Influenza-Like Disease	46	11	16	1054	4957	2991
Measles (Rubeola)	0	0	0	1167	204	50
Meningococcal Disease	0	0	0	3	4	7
Mumps	0	0	0	10	21	28
Rocky Mountain Spotted Fever	0	0	0	6	1	4
Rubella	0	0	0	14	295	252
Salmonella Infections	1	1	7	29	64	53
Shigella Infections	1	0	0	8	31	57
Streptococcal Pharyngitis	49	46	42	2893	2556	3022
Tuberculosis (New Cases)	1	0	4	39	41	43
Venereal Disease						
Gonorrhea	44	58	58	1607	1564	1685
Syphilis, Prim. & Sec.	0	0	0	5	9	4
Whooping Cough Syndrome	0	0	1	1	4	14
Rabies in Animals	0	0	1	45	71	144

ANNOUNCEMENT

The Bureau of Preventive Health Services now has a 24-hour answering service on its telephone, at 449-2645. Callers will be directed to one of several professional staff members who will be available for consultation.

 COUNTIES

Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

EPIDEMIOLOGIC NOTES AND COMMENTS 'THE TICK TELEGRAPH'

October 4, 1977

TO: ALL HEALTH OFFICERS
FROM: DR. MARTIN D. SKINNER
RE: CHOLERA OUTBREAK - MIDDLE EAST

Because of the cholera outbreak in the Middle East, we are transmitting the following cholera vaccination requirements:

- DJIBOUTI - This is a "new country" (located between Somalia and Ethiopia). Djibouti requires a valid cholera vaccination certificate from all travelers, both arriving and transiting.
- EGYPT - Requires cholera vaccination certificate from all persons arriving from infected areas.
- ETHIOPIA - No change in requirement.
- IRAN - Requires cholera vaccination certificate from all persons arriving from infected areas and all countries in Southeast Asia.
- ITALY - Requires cholera vaccination certificate from all persons arriving from infected areas, takes their names and addresses for surveillance purposes, and administers tetracycline to some persons.
- ISRAEL - No requirements.
- JORDAN - No requirements.
- KUWAIT - Requires cholera vaccination certificate from all persons arriving from infected areas and has instituted additional unspecified controls.
- LEBANON - No requirements.
- LIBYA - Requires cholera vaccination certificate from all persons arriving from infected areas and has instituted additional unspecified controls.
- MADAGASCAR - Requires valid cholera vaccination certificate from all travelers arriving from infected areas. After arrival, travelers must visit designated health office for observation during first 4 days of their stay in Madagascar.
- MOROCCO - Requires cholera vaccination certificate from all travelers arriving from the Middle East.
- PERU - Requires cholera vaccination certificate from travelers from Europe, the Middle East and the Far East; those without a valid cholera vaccination certificate will be inoculated at the port of entry.
- QATAR - All persons arriving from Syria, Lebanon, Jordan, Kuwait (the specified countries are subject to addition or subtraction without notice) must leave their passports at the point of entry and go to a hospital to be tested to determine if they are infected with Vibrio cholerae. Results will be available in 24-48 hours. Only upon negative findings will passports be returned. These precautions being taken regardless of valid cholera vaccination certificate.
- SYRIA - Requires cholera vaccination certificate from all persons arriving from infected areas and gives 2 tablets of tetracycline to each person from these areas.
- TOGO - No change in requirements.



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 40
Ending October 8, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	3	4	2
Brucellosis	0	0	0	2	1	0
Chicken Pox	4	2	3	578	846	771
Colorado Tick Fever	0	1	0	6	19	8
Encephalitis, Primary	0	0	0	2	2	6
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	5	0	8	123	31	202
Hepatitis, Serum (B)	2	0	0	21	14	24
Hepatitis, Unspecified	2	1	1	28	17	31
Influenza-Like Disease	3	25	27	1057	4982	3018
Measles (Rubeola)	0	0	0	1167	208	50
Meningococcal Disease	0	0	0	3	4	7
Mumps	0	0	0	10	21	28
Rocky Mountain Spotted Fever	0	0	0	6	1	4
Rubella	0	0	0	14	295	252
Salmonella Infections	0	0	0	29	64	54
Shigella Infections	0	0	0	8	31	57
Streptococcal Pharyngitis	38	72	43	2931	2628	3065
Tuberculosis (New Cases)	3	0	0	42	41	43
Venereal Disease						
Gonorrhea	49	38	37	1656	1602	1722
Syphilis, Prim. & Sec.	0	0	0	5	9	4
Whooping Cough Syndrome	0	0	0	1	4	14
Rabies in Animals	0	11	0	45	82	144

OTHER REPORTABLE DISEASES:

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	Strep Inf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead																
Big Horn																
Blaine																
Broadwater																
Carbon																
Carter																
Cascade																
Chouteau																
Custer																
Daniels																
Dowson																
Deer Lodge																
Fallon																
Fergus																
Flathead																
Gallatin		4		3												
Garfield																
Glacier				4												
Golden Valley																
Granite																
Hill							3	1								
Jefferson																
Judith Basin																
Lake																
Lewis & Clark				8												
Liberty																
Lincoln																
McCone																
Madison																
Meagher				1												
Mineral																
Missoula							7	1	1							
Musselshell																
Park																
Petroleum																
Phillips																
Pondera																
Powder River																1
Powell																
Prarie																
Ravalli																
Richland																
Roosevelt																
Rosebud				1												
Sanders						1										
Sheridan																
Silver Bow						2										
Stillwater																
Sweet Grass																
Teton																
Toole																
Treasure																
Valley						1										
Wheatland																
Wibaux																
Yellowstone																
TOTAL	0	4	0	49	5	2	3	0	0	0	0	38	0	0	3	0



STATE DOCUMENTS

MARTIN D. SKINNER, M.D.
STATE EPIDEMIOLOGIST & CHIEF
PREVENTIVE HEALTH SERVICES
AREA CODE 406 449-2648

Arthur C. Knight, M.D., F.C.C.P.
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Department of Health and Environmental Sciences STATE OF MONTANA HELENA, MONTANA 59601

Week No. 41
Ending October 15, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	3	4	2
Brucellosis	0	0	0	2	1	0
Chicken Pox	22	7	8	600	853	779
Colorado Tick Fever	0	0	0	6	19	8
Encephalitis, Primary	0	0	0	2	2	6
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	6	2	6	129	33	208
Hepatitis, Serum (B)	0	0	1	21	14	25
Hepatitis, Unspecified	1	0	0	29	17	31
Influenza-Like Disease	36	2	37	1093	4984	3055
Measles (Rubeola)	0	0	0	1167	204	50
Meningococcal Disease	1	0	0	4	4	7
Mumps	0	1	1	10	22	29
Rocky Mountain Spotted Fever	0	0	0	6	1	4
Rubella	0	0	0	14	295	252
Salmonella Infections	0	1	0	29	65	54
Shigella Infections	0	0	1	8	31	58
Streptococcal Pharyngitis	135	73	34	3064	2701	3099
Tuberculosis (New Cases)	1	2	5	42	43	48
Venereal Disease						
Gonorrhea	46	48	28	1705	1650	1750
Syphilis, Prim. & Sec.	0	0	0	5	9	4
Whooping Cough Syndrome	1	0	0	2	4	14
Rabies in Animals	0	0	1	45	82	145

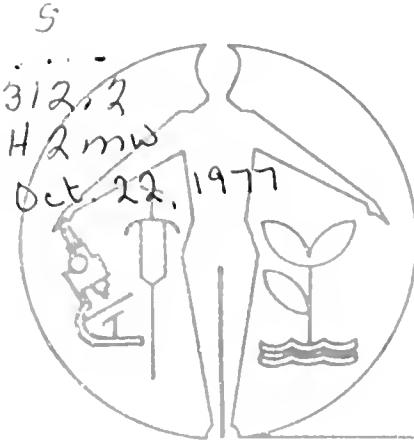
OTHER REPORTABLE DISEASES:

Malaria	1	0	0	2	0	0
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COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies	
Beaverhead																	
Big Horn					1												
Blaine																	
Broadwater																	
Carbon																	
Carter																	
Cascade			19		3	1			5						32		
Chouteau																	
Custer																	
Daniels																	
Dawson																	
Deer Lodge							2									15	
Fallon																	
Fergus																	
Flathead																	
Gallatin				1													
Garfield																	
Glacier																	
Golden Valley																	
Granite																	
Hill																	
Jefferson																23	
Judith Basin																	
Lake																	
Lewis & Clark				2													
Liberty																	
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula																	
Musselshell																	
Park																	
Petroleum																	
Phillips						1											
Pondera																	
Powder River																	
Powell																	
Prairie																	
Ravalli			2														
Richland																	
Roosevelt																	
Rosebud																	
Sanders																	
Sheridan																	
Silver Bow																	
Stillwater																	
Sweet Grass																	
Teton																	
Toole																	
Treasure																	
Valley																	
Wheatland																	
Wibaux																	
Yellowstone																	
TOTAL	0	22	0	46	6	0	36	0	1	0	0	135	0	0	1	0	



MARTIN O. SKINNER, M.D.
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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 42
Ending October 22, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	1	0	0	4	4	2
Brucellosis	0	0	0	2	1	0
Chicken Pox	5	5	2	605	858	781
Colorado Tick Fever	0	0	0	6	19	8
Encephalitis, Primary	0	0	0	2	2	6
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	4	4	2	133	37	210
Hepatitis, Serum (B)	0	1	0	21	15	25
Hepatitis, Unspecified	0	2	0	29	19	31
Influenza-Like Disease	11	71	32	1104	5055	3087
Measles (Rubeola)	0	27	0	1167	231	50
Meningococcal Disease	1	1	0	5	5	7
Mumps	1	0	0	11	22	29
Rocky Mountain Spotted Fever	0	0	0	6	1	4
Rubella	0	0	0	14	295	252
Salmonella Infections	0	0	0	29	65	54
Shigella Infections	0	1	1	8	32	59
Streptococcal Pharyngitis	145	141	51	3209	2842	3150
Tuberculosis (New Cases)	2	0	1	44	43	49
Venereal Disease						
Gonorrhea	60	43	53	1765	1693	1803
Syphilis, Prim. & Sec.	0	0	1	5	9	5
Whooping Cough Syndrome	0	0	0	2	4	14
Rabies in Animals	0	9	0	45	91	145

OTHER REPORTABLE DISEASES:

FLASH FROM CDC:

The season's first outbreak of influenza has been identified in Puerto Rico in the course of intensified serologic surveillance for dengue fever. 13 persons have had 4-fold or greater HI antibody titer rises to A/Victoria/3/75 and/or A/Texas/1/77. Viral isolations are in progress now at CDC.

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf.	Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
	1	5	0	60	4	0	11	0	1	1	0	145	0	0	2	0	
Beaverhead					1												
Big Horn																	
Blaine					1												
Broadwater																	
Carbon																	
Carter																	
Cascade	1	1		9	1		2							23			
Chouteau																	
Custer														16			
Daniels																	
Dowson																	
Deer Lodge							3							10			
Fallon																	
Fergus																	
Flothead					1												
Gallatin			3		1		4		1					26			
Garfield																	
Glacier				3										6			
Golden Valley																	
Granite																	
Hill					3									8			
Jefferson																	
Judith Basin																	
Lake				4													
Lewis & Clark				4													
Liberty																	
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral					4												
Missoula					5												
Musselshell																	
Park																	
Petroleum																	
Phillips																1	
Pandera																	
Powder River																	
Powell																	
Prairie																	
Ravalli				1													
Richland																	
Roosevelt					1		3							1			
Rosebud																	
Sanders																	
Sheridan																	
Silver Bow				5													
Stillwater																	
Sweet Grass																	
Teton																	
Toole		1						2									
Treasure																	
Valley																	
Wheatland														4			
Wibaux																	
Yellowstone				17								1					
TOTAL	1	5	0	60	4	0	11	0	1	1	0	145	0	0	0	2	0



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

EPIDEMIOLOGIC NOTES AND COMMENTS 'THE TICK TELEGRAPH'

October 25, 1977

TO: All Health Officers
FROM: Dr. Martin Skinner
Re: Cholera Requirements

Because of the constantly changing picture in North Africa and the Middle East in both presence of cholera and the requirements of various countries, we are reprinting here and next week the contents of several updates from the Quarantine Division of the CDC. The basic source remains the yellow "Health Information for International Travel 1977" put out by CDC.

As of October 19, according to the World Health Organization, countries with areas infected with cholera were: Angola, Bangladesh, Burma, Ghana, Gilbert and Tuvalu islands, India, Indonesia, Iran, Iraq, Jordan, Lebanon, Liberia, Malaria, Malaysia, Nepal, Nigeria, Philippines, Saudi Arabia, Sierra Leone, Singapore, Sri Lambia, Syria, Thailand, and Viet Nam.

Because of the cholera outbreak in the Middle East, we are transmitting the following cholera vaccination requirements:

FIJI - Cholera vaccination certificate is required if the traveler has transited any infected areas in the Middle East or the Gilbert Islands.

KENYA - Citizen-prilgrims traveling to and returning from Mecca without evidence of tetracycline may be subject to 2-week quarantine at their own expense.

Non-pilgrims entering from cholera-infected countries are sometimes asked to present a cholera vaccination certificate. (Clear guidelines seem to exist only for Mecca pilgrims).

LIBYAN ARAB REPUBLIC - A cholera vaccination certificate is required of all travelers.

SOMALIA - Until further notice, all travelers arriving from points north of Somalia including Rome, Italy; Cairo, Egypt; Jidda, Saudi Arabia; Khartoum, Sudan; and Addis Ababa, Ethiopia will be subject to 48-hour quarantine and stool cultures for cholera whether or not they have a valid cholera vaccination certificate.

In principle, travelers carrying a certificate attesting to a negative stool specimen within 24 hours prior to arrival will be exempt from quarantine.

SYRIAN ARAB REPUBLIC - Syrian citizens must have a certificate from the Ministry of Health issued within the last 6 days to the effect that they do not have cholera nor are carriers when they leave the Syrian Arab Republic via the international airport. Foreigners so far are not affected by this ruling.

YEMEN - Cholera vaccination is required for entry from the Arab countries.

ZAMBIA - A cholera vaccination certificate is required of all travelers.

MOZAMBIQUE - Cholera vaccination certificate is required of all travelers.

RWANDA -Cholera vaccination certificate is required of travelers arriving from infected areas.

SUDAN - Cholera vaccination certificate is required of travelers arriving from infected areas and the Middle East.

TANZANIA - Cholera vaccination certificate is required of all travelers.

- EGYPT - Stringent procedures are in effect at ports of entry. The Ministry of Health will undoubtedly maintain strict surveillance activities throughout the Moslem pilgrimage.
- MALTA - Cholera certificate is required of all travelers from North Africa and the Middle East, and passports are taken until travelers have checked in with the health officials for 5 consecutive days.
- MAURITANIA - Cholera certificate is required for travelers to Saudi Arabia. Pilgrims will be processed carefully upon return.
- OMAN - Cholera certificate is required of all travelers and all incoming travelers are currently required to take 4 tetracycline tablets. Travelers without a certificate are being vaccinated.

The following countries require a cholera certificate of all travelers:

KUWAIT
MADAGASCAR
SYRIAN ARAB REPUBLIC
TOGO

IRAQ - requires a cholera certificate of travelers from infected areas.

THERE ARE NO CHANGES IN REQUIREMENTS OF THE COUNTRIES LISTED BELOW:

CAMEROON	BANGLADESH
CENTRAL AFRICAN REPUBLIC	MAURITIUS
CHAD	SIERRA LEONE
CONGO	TUNISIA
GABON	MALI
GHANA	TURKEY
IVORY COAST	ZAIRE
LESOTHO	
LIBERIA	
SOUTH AFRICA	
UPPER VOLTA	

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Oct. 28, 1977

MARTIN D. SKINNER, M.D.
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AREA CODE 406 449-2645

**ARTHUR C. KNIGHT M.D.
ACTING DIRECTOR**



Department of Health and Environmental Sciences

Week No. 43
Ending October 28, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	4	4	2
Brucellosis	0	0	0	2	1	0
Chicken Pox	24	3	3	629	861	784
Colorado Tick Fever	0	0	0	6	19	8
Encephalitis, Primary	1	0	6	3	2	12
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	3	2	3	136	39	213
Hepatitis, Serum (B)	1	0	0	22	15	25
Hepatitis, Unspecified	0	1	0	29	20	31
Influenza-Like Disease	30	2	10	1134	5057	3097
Measles (Rubeola)	0	15	0	1167	216	50
Meningococcal Disease	0	0	0	5	5	7
Mumps	1	0	1	12	22	30
Rocky Mountain Spotted Fever	0	0	1	6	1	5
Rubella	2	0	0	16	295	252
Salmonella Infections	1	2	2	30	67	56
Shigella Infections	0	3	1	8	35	60
Streptococcal Pharyngitis	112	29	70	3321	2871	3220
Tuberculosis (New Cases)	2	0	0	46	43	49
Venereal Disease						
Gonorrhea	30	38	35	1795	1721	1838
Syphilis, Prim. & Sec.	0	0	1	5	9	6
Whooping Cough Syndrome	0	0	0	2	4	14
Rabies in Animals	0	0	0	45	91	145

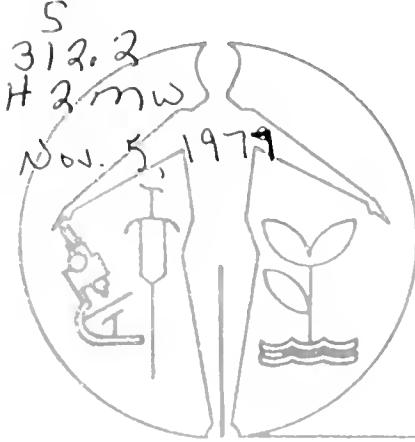
INFLUENZA is on its way.

In addition to the outbreak of influenza A in Puerto Rico, other cases have occurred in Victoria, B.C. and in Oregon. 91 out of 145 Australian infantry men who flew together from Australia to Victoria on August 15 developed illness with fever, cough, malaise, and headache. 20 secondary and 5 tertiary cases occurred among Canadians. An influenza A isolate made during the outbreak is similar to A/Texas/1/77. An A/Texas/1/77-like strain of influenza has been isolated from a 72-year-old man hospitalized in Oregon with pneumonia. His illness began on 9/19. No other influenza infections have been documented in Oregon since July.

Source: MMWR, Oct. 28, 1977, vol. 26, No. 43.

H
COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead			1				1									
Big Horn												7				
Blaine												13				
Broadwater																
Carbon																
Carter																
Coscode			15	3	1		1				1	24	1			
Chouteau																
Custer					1											
Daniels																
Dowson																
Deer Lodge							1	2				10				
Fallon																
Fergus																
Flothead																
Gallatin			2									23				
Gorfield																
Glacier				2									1	1	6	
Golden Valley																
Granite																
Hill													17			
Jefferson					1											
Judith Bosn																
Lake				2												
Lewis & Clark				3												
Liberty							2					1				
Lincoln			2									4				
McCone																
Madison																
Meagher																
Mineral																
Missoula					10		1									
Musselshell																
Park																
Petroleum																
Phillips																
Pondera																
Powder River						1										
Powell																
Prairie																
Revalli		3		1			4					5				
Richland																
Roosevelt												1				
Rosebud																
Sanders																
Sheridan																
Silver Bow														1		
Stillwater																
Sweet Grass																
Teton																
Toole																
Treasure																
Volley												1				
Wheatland																
Wiboux																
Yellowstone					1	1	6									
TOTAL	0	24	1	30	3	1	30	0	0	1	2	112	1	0	2	0



MARTIN D. SKINNER, M.D.
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Department of Health and Environmental Sciences
STATE OF MONTANA HELENA, MONTANA 59601

Week No. 44
Ending November 5, 1977

MORBIDITY REPORT

STATE DOCUMENTS

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	-	0	4	-	2
Brucellosis	0	-	0	2	-	0
Chicken Pox	24	-	2	653	-	786
Colorado Tick Fever	0	-	0	6	-	8
Encephalitis, Primary	0	-	0	3	-	12
Encephalitis, Post-Infectious	0	-	0	0	-	3
Hepatitis, Infectious (A)	3	-	3	139	-	216
Hepatitis, Serum (B)	0	-	1	22	-	26
Hepatitis, Unspecified	2	-	0	29	-	31
Influenza-Like Disease	17	-	19	1151	-	3116
Measles (Rubeola)	0	-	0	1167	-	50
Meningococcal Disease	0	-	0	5	-	7
Mumps	0	-	0	12	-	30
Rocky Mountain Spotted Fever	0	-	0	6	-	5
Rubella	0	-	0	16	-	252
Salmonella Infections	1	-	0	31	-	56
Shigella Infections	12	-	2	20	-	62
Streptococcal Pharyngitis	129	-	36	3450	-	3256
Tuberculosis (New Cases)	1	-	2	47	-	51
Venereal Disease						
Gonorrhea	57	-	51	1852	-	1889
Syphilis, Prim. & Sec.	1	-	0	6	-	6
Whooping Cough Syndrome	0	-	0	2	-	14
Rabies in Animals	0	-	0	45	-	145

OTHER REPORTABLE DISEASES:

Meningitis, Bacterial	1	-	0	8	-	0
-----------------------	---	---	---	---	---	---

H
COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	Strep Inf. Scarl. fev.	Salmon.	Shig.	T.B. Animal	Rabies
Beaverhead																
Big Horn												4		12		
Blaine				1								18				
Broadwater																
Carbon		1														
Carter																
Coscooe		15		13	1		6					12	1			
Chouteau				1												
Custer																
Daniels																
Dawson																
Deer Lodge							4					25				1
Fallon																
Fergus																
Flothead			4													
Gallatin		3											34			
Garfild																
Glacier				8									19			
Golden Valley																
Granite																
Hill				2									9			
Jefferson																
Judith Basin																
Lake																
Lewis & Clark				2									1			
Liberty		4		1			2					5				
Lincoln		1														
McCone																
Modissoe																
Meagher																
Mineral																
Missaulo																
Musselshell			4													
Park																
Petroleum																
Phillips				1												
Pandero																
Powder River																
Powell																
Prairie																
Ravalli							3					2				
Richland				1												
Roosevelt																
Rosebud				1	1											
Sanders																
Sheridan																
Silver Bow				1												
Stillwater																
Sweet Grass																
Teton																
Toole								2								
Treasure																
Valley				1												
Wheatland																
Wibaux																
Yellowstone				16	1											
TOTAL	0	24	0	57	3	0	17	0	0	0	0	129	1	12	1	0



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 45
Ending November 12, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	-	0	4	4	2
Brucellosis	1	-	0	3	1	0
Chicken Pox	3	-	3	656	900	789
Colorado Tick Fever	0	-	0	6	19	8
Encephalitis, Primary	0	-	0	3	2	12
Encephalitis, Post-Infectious	0	-	0	0	0	3
Hepatitis, Infectious (A)	1	-	3	140	40	219
Hepatitis, Serum (B)	0	-	0	22	15	26
Hepatitis, Unspecified	0	-	1	29	20	32
Influenza-Like Disease	7	-	24	1158	5102	3140
Measles (Rubeola)	0	-	0	1167	281	50
Meningococcal Disease	0	-	0	5	5	7
Mumps	0	-	0	12	22	30
Rocky Mountain Spotted Fever	0	-	0	6	1	5
Rubella	0	-	0	16	29	252
Salmonella Infections	3	-	4	34	67	60
Shigella Infections	0	-	5	20	35	67
Streptococcal Pharyngitis	124	-	84	3574	3125	3340
Tuberculosis (New Cases)	0	-	0	47	44	51
Venereal Disease						
Gonorrhea	29	-	29	1881	1775	1918
Syphilis, Prim. & Sec.	0	-	0	6	13	6
Whooping Cough Syndrome	0	-	0	2	4	14
Rabies in Animals	0	-	6	45	91	151

A reminder to county health officers and public health nurses:

Measles season seems to be starting again in Montana. Probable cases have been reported from Valley and Cascade counties. Please be alert for measles and report cases promptly. Epidemiologic assistance and vaccine are available for outbreak control from this office (call 449-2645, which has a 24-hour answering service, or 1-800-332-2288.)

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccoal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal	Rabies
TOTAL	0	3	0	29	1	0	7	0	0	0	0	124	3	0	0	0	0
Beaverhead																	
Big Horn																	
Bonne																	
Broadwater																	
Carbon																	
Carter																	
Cascade																	
Chouteau																	
Custer																	
Daniels																	
Dowson																	
Deer Lodge																	
Fallon																	
ergus																	
Flothead																	
Gallatin																	
Gorfield																	
Glacier																	
Golden Valley																	
Granite																	
Hill																	
Jefferson																	
Judith Basin																	
Lake																	
Lewis & Clark																	
Liberty																	
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula																	
Musselshell																	
Park																	
Petroleum																	
Phillips																	
Pondera																	
Powder River																	
Powell																	
Prairie																	
Rovali																	
Richland																	
Roosevelt																	
Rosebud																	
Sanders																	
Sheridan																	
Silver Bow																	
Stillwater																	
Sweet Grass																	
Teton																	
Toole																	
Treasure																	
Valley																	
Wheatland																	
Wibaux																	
Yellowstone																	
	0	3	0	29	1	0	7	0	0	0	0	124	3	0	0	0	0

A circular field sketch containing handwritten text and two simple line drawings. The text at the top left reads "S 312.2" on one line and "H 2mW" on the line below it. To the right of this, the date "Nov. 19, 1977" is written. The bottom half of the circle contains two drawings: on the left, a hand is shown gripping a long, thin, vertical object; on the right, a small plant with three leaves is depicted growing from a base with horizontal lines representing soil.

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Department of Health and Environmental Sciences

Week No. 46
Ending November 19, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	4	4	2
Brucellosis	1	0	0	4	1	0
Chicken Pox	30	8	34	686	908	823
Colorado Tick Fever	0	0	0	6	19	8
Encephalitis, Primary	0	0	0	3	2	12
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	13	2	2	153	42	221
Hepatitis, Serum (B)	1	1	0	23	16	26
Hepatitis, Unspecified	2	0	0	31	20	32
Influenza-Like Disease	80	31	65	1238	5133	3205
Measles (Rubeola)	1	3	0	1168	284	50
Meningococcal Disease	1	0	0	6	5	7
Mumps	0	0	8	12	22	38
Rocky Mountain Spotted Fever	0	0	0	6	1	5
Rubella	1	0	0	17	295	252
Salmonella Infections	1	0	1	35	67	61
Shigella Infections	1	1	2	21	36	69
Streptococcal Pharyngitis	173	45	177	3747	3170	3517
Tuberculosis (New Cases)	1	0	0	48	44	51
Venereal Disease						
Gonorrhea	47	51	64	1928	1826	1982
Syphilis, Prim. & Sec.	0	0	0	6	13	6
Whooping Cough Syndrome	0	0	3	2	4	17
Rabies in Animals	0	0	2	45	91	153

OTHER REPORTABLE DISEASES:

Botulism 1 0 0 1 1 0
Infectious Mononucleosis 1 0 4 17 90 184

We would like to thank those of you who send in weekly county Communicable Disease Summary Reports on a regular basis. We do have one request: please try to get the cards in the mail by Friday afternoon or Saturday morning of the week being reported on. This allows our weekly report, which is compiled Tuesday morning, to be as complete as possible. Thank you again.

H

COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal	Rabies
TOTAL	0	30	0	47	13	1	80	1	1	0	1	173	1	1	1		
Beaverhead																	
Big Horn				7			2								3		
Blaine		1													17		
Broadwater																	
Carbon																	
Carter																	
Cascade		16		2			2	1						26			
Chouteau							40										
Custer																	
Daniels																	
Dawson															1		
Deer Lodge							4							30			
Fallon																	
Fergus																	
Flothead																	
Gallatin		4		4			3							39			
Garfield																	
Glacier					1	2								15			
Golden Valley																	
Granite																	
Hill				1													
Jefferson																	
Judith Basin																	
Lake				3										1			
Lewis & Clark				3	1									4			
Liberty							12								1		
Lincoln		2												1			
McCone														5			
Madison																	
Meagher							5							6			
Mineral																	
Missoula				9										3			
Musselshell																	
Park												1					
Petroleum														1			
Phillips																	
Pondera																	
Powder River																	
Powell																	
Prairie																	
Ravalli		1					1	10						10			
Richland																	
Roosevelt																	
Rosebud					9												
Sanders																	
Sheridan																	
Silver Bow		6		1			2							12			
Stillwater					2												
Sweet Grass																	
Teton																	
Toole																	
Treasure																	
Valley																	
Wheatland																	
Wibaux																	
Yellowstone					14	1									1	1	1



STATE DOCUMENTS

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Department of Health and Environmental Sciences
STATE OF MONTANA HELENA, MONTANA 59601

Week No. 47
Ending November 26, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	4	4	2
Brucellosis	0	0	0	4	1	0
Chicken Pox	14	17	21	700	925	844
Colorado Tick Fever	0	0	0	6	19	8
Encephalitis, Primary	0	0	0	3	0	12
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	5	0	8	156	42	229
Hepatitis, Serum (B)	1	2	0	24	18	26
Hepatitis, Unspecified	0	0	0	31	20	32
Influenza-Like Disease	25	14	4	1263	5147	3209
Measles (Rubeola)	0	2	0	1168	286	50
Meningococcal Disease	0	0	0	6	5	7
Mumps	0	2	0	12	24	38
Rocky Mountain Spotted Fever	0	0	0	6	1	5
Rubella	0	0	0	17	295	252
Salmonella Infections	3	2	0	38	69	61
Shigella Infections	3	0	1	24	36	70
Streptococcal Pharyngitis	54	43	74	3800	3243	3591
Tuberculosis (New Cases)	0	3	0	48	47	51
Venereal Disease						
Gonorrhea	49	37	42	1977	1863	2024
Syphilis, Prim. & Sec.	0	0	0	6	13	6
Whooping Cough Syndrome	0	0	0	2	4	17
Rabies in Animals	0	1	0	45	92	153

OTHER REPORTABLE DISEASES:

Staph Food Poisoning

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccocal Disease	Mumps	Rubella	StrepInf. Scarli. fev.	Shig.	T.B.	Animal Rabies
Beaverhead															
Big Horn															
Blaine															
Brundwnter															
Carbon															
Carter															
Cascade			14		9			3					13	1	
Chouteau								20							
Custer															
Daniels															
Dawson															
Deer Lodge								2					1		
Fallon													15		
Fergus															
Flathead					1										
Gallatin					4										
Garfield															
Glacier					5										
Golden Valley													16		
Granite															
Hill					1										
Jefferson															
Judith Basln															
Lake					3										
Lewis & Clark					3										
Liberty															
Lincoln															
McCone															
Madison															
Meagher															
Mineral															
Missoula					2										
Musselshell					2										
Park															
Petroleum															
Phillips															
Pondera															
Powder River															
Powell															
Prairie															
Ravalli								1							
Richland															
Roosevelt															
Rosebud					1	5									
Sanders															
Sheridan															
Silver Bow					1										
Stillwater															
Sweet Grass															
Teton															
Toole															
Treasure															
Valley															
Wheatland															
Wibaux															
Yellowstone					15								1		
TOTAL	0	14	0	49	5	1	25	0	0	0	0	54	3	3	0



MARTIN D. SKINNER, M.D.
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ARTHUR C. KNIGHT M.D.
DIRECTOR

Department of Health and Environmental Sciences
STATE OF MONTANA HELENA, MONTANA 59601

EPIDEMIOLOGIC NOTES AND COMMENTS
'THE TICK TELEGRAPH'

November 29, 1977

TO: All Health Officers
FROM: Dr. Martin Skinner
RE: Dengue in the Bahamas

An outbreak of dengue is occurring in the Bahamas. Spraying with insecticides and reducing breeding sites in Nassau and other areas have been undertaken by the Government of the Bahamas.

In spite of the fact that the risk of dengue infection appears to be small, TRAVELERS TO THE BAHAMAS SHOULD TAKE PRECAUTIONS TO AVOID MOSQUITO BITES. The vector mosquito, Aedes aegypti, is active in the daytime and is most frequently found near human habitations where it breeds in small containers of water such as discarded tires, bottles, and barrels. Few mosquitoes will be found in areas where careful housekeeping and sanitation have eliminated such breeding containers. The risk of bites may be reduced by use of commercially available insect repellent and by protective clothing such as long-sleeved shirts and pants. There is no licensed vaccine against dengue. Travelers should advise their physician of any acute febrile illness occurring within 2 weeks after leaving the Bahamas. Physicians should notify their state health department of any person with suspected dengue.



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

Week No. 48
Ending December 3, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	4	4	2
Brucellosis	0	0	0	4	1	0
Chicken Pox	13	12	13	713	937	857
Colorado Tick Fever	0	0	0	6	19	8
Encephalitis, Primary	0	0	0	3	2	12
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	5	1	2	161	43	231
Hepatitis, Serum (B)	1	1	1	25	19	27
Hepatitis, Unspecified	1	2	1	32	22	33
Influenza-Like Disease	28	41	19	1291	5188	3228
Measles (Rubeola)	0	1	0	1168	287	50
Meningococcal Disease	1	1	1	7	6	8
Mumps	0	1	5	12	25	43
Rocky Mountain Spotted Fever	0	0	0	6	1	5
Rubella	0	1	1	17	296	253
Salmonella Infections	0	0	0	38	69	61
Shigella Infections	12	2	5	36	38	75
Streptococcal Pharyngitis	156	92	34	3956	3335	3625
Tuberculosis (New Cases)	0	0	0	48	47	51
Venereal Disease						
Gonorrhea	40	50	18	2017	1913	2042
Syphilis, Prim. & Sec.	1	0	0	7	13	6
Whooping Cough Syndrome	0	0	0	2	4	17
Rabies in Animals	0	0	5	45	92	158

OTHER REPORTABLE DISEASES:

二
COUNTIES

COUNTIES	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead																
Big Horn																
Blaine																
Broadwater																
Corban																
Carter																
Cascade																
Chouteau																
Custer																
Daniels																
Dawson																
Deer Lodge																
Fallon																
Fergus																
Flathead																
Gallatin																
Garfield																
Glacier																
Golden Valley																
Granite																
Hill																
Jefferson																
Judith Bosn																
Lake																
Lewis & Clark																
Liberty																
Lincoln																
McCone																
Madison																
Meagher																
Mineral																
Missaula																
Musselshell																
Park																
Petroleum																
Phillips																
Pandera																
Powder River																
Powell																
Prairie																
Ravalli																
Richland																
Roosevelt																
Rosebud																
Sanders																
Sheridan																
Silver Bow																
Stillwater																
Sweet Grass																
Teton																
Toole																
Treasure																
Valley																
Wheatland																
Wibaux																
Yellowstone																
TOTAL	0	13	0	40	5	1	28	0	1	0	0	156	0	12	0	0



MARTIN D. SKINNER, M.D.
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Montana State Environmental Sciences
Department of Health and Environmental Sciences
STATE OF MONTANA HELENA, MONTANA 59001

Week No. 49
Ending December 10, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	4	4	2
Brucellosis	0	0	0	4	1	0
Chicken Pox	15	9	51	727	946	908
Colorado Tick Fever	0	0	0	6	19	8
Encephalitis, Primary	0	0	0	3	2	12
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	10	0	7	171	43	238
Hepatitis, Serum (B)	0	0	0	25	19	27
Hepatitis, Unspecified	0	1	1	32	23	34
Influenza-Like Disease	26	10	34	1317	5198	3262
Measles (Rubeola)	0	40	0	1168	327	50
Meningococcal Disease	1	0	0	8	6	8
Mumps	0	0	0	12	25	43
Rocky Mountain Spotted Fever	0	0	0	6	1	5
Rubella	0	0	0	17	296	253
Salmonella Infections	1	1	0	39	70	61
Shigella Infections	0	0	1	36	38	76
Streptococcal Pharyngitis	71	40	68	4027	3375	3693
Tuberculosis (New Cases)	2	0	7	50	47	58
Venereal Disease						
Gonorrhea	44	35	35	2061	1948	2077
Syphilis, Prim. & Sec.	0	0	1	7	13	7
Whooping Cough Syndrome	0	0	1	2	4	18
Rabies in Animals	0	1	0	45	93	158

OTHER REPORTABLE DISEASES:

II
COUNTIES

COUNTIES	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Big Horn	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Blaine	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Broodwater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cascade	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Chouteau	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Custer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Daniels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dawson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deer Lodge	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Fallon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fergus	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Flothead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gallotin	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Garfield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glacier	-	-	1	-	-	5	-	-	-	-	-	-	-	-	-	-
Golden Valley	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
Gronite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hill	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Jefferson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Judith Basin	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Lake	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Lewis & Clark	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	1
Liberty	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	1	-	-	-	-	-	-	-	-	11	-
McCone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Modissom-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meagher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mineral	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Missoula	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-
Musselshell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Park	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phillips	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Pandero	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powder River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ravalli	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Richland	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Roosevelt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rosebud	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-
Sanders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheridan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver Bow	-	14	-	-	5	-	-	6	-	-	-	-	32	-	-	-
Stillwater	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Sweet Grass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Teton	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Toole	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Treasure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Valley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wheatland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wiboux	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellowstone	-	-	-	-	-	13	-	-	-	-	-	-	-	-	-	-
TOTAL	0	15	0	44	10	0	26	0	1	0	0	71	1	0	2	0



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PREVENTIVE HEALTH SERVICES
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ARTHUR C. KNIGHT M.D.
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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

EPIDEMIOLOGIC NOTES AND COMMENTS 'THE TICK TELEGRAPH'

INFLUENZA REPORT #2

December 12, 1977

Our surveillance system seems to be working well, in the sense that school absence reporting is consistent and sentinel physicians are getting specimens to the laboratory without too much difficulty.

So far in Montana, although there has been a moderate amount of acute gastrointestinal illness, and of upper respiratory ailments including mumps-like illness, no isolates of influenza virus have been made (out of 7 throat swabs submitted) and no sero-conversions have been documented (out of 10 sera submitted). No outbreaks have been reported by county health officers.

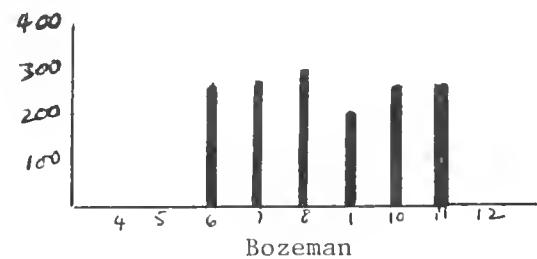
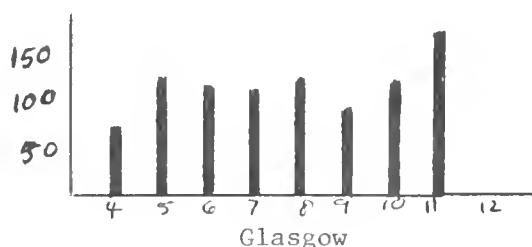
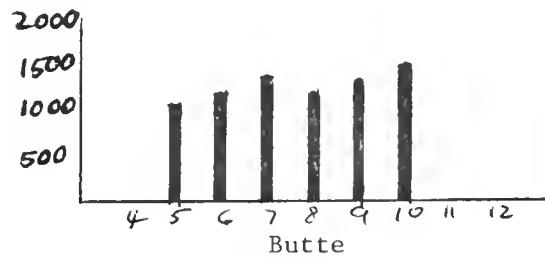
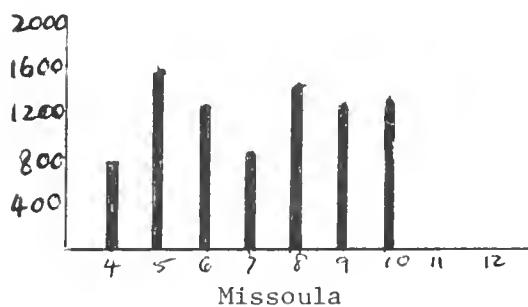
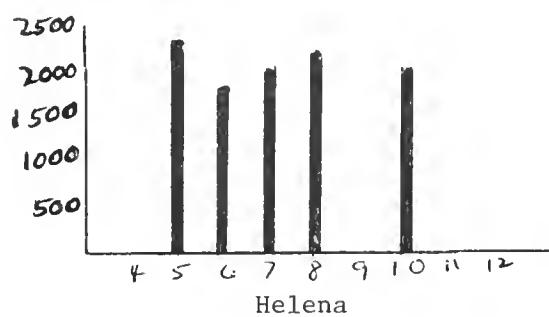
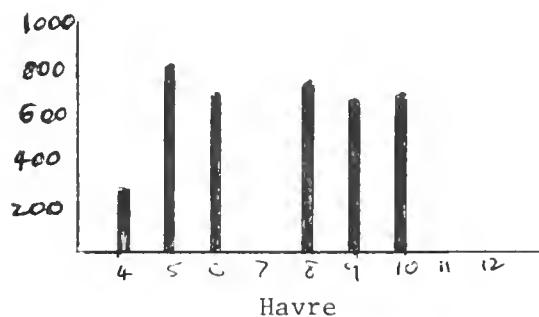
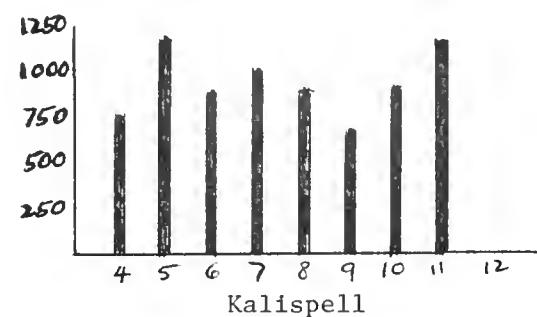
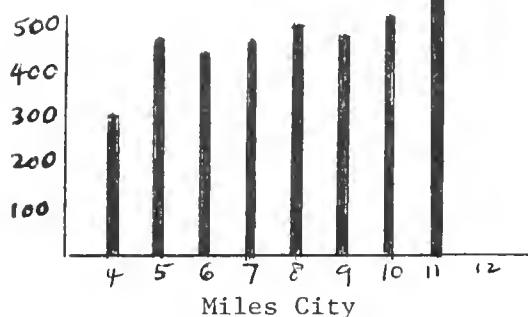
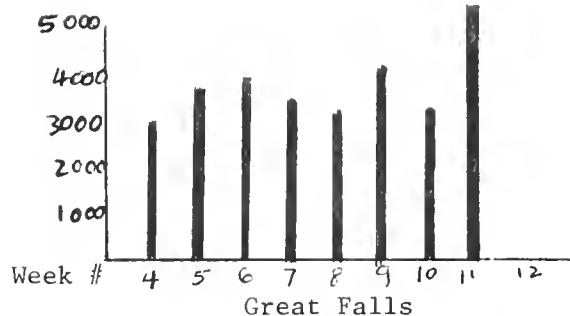
School absenteeism has shown an expected amount of week-to-week variation (some caused by weeks containing holidays) but none of our 9 reporting systems have reported any marked changes.

In the country as a whole, regional outbreaks of influenza-like illness have been reported in Puerto Rico, Michigan, and New Jersey, and sporadic cases in 13 states including Utah, Wyoming, Oregon, and Colorado.

A/Texas/1/77 isolates have been made in Hawaii, Wisconsin, Oregon, and New Jersey. The influenza outbreak in Puerto Rico seems to have peaked. Florida continues to report serological evidence of infection with an influenza A(H3N2) virus, but there have been no viral isolations.

See other side for graphical display of school absentee data.

Weekly total of absentees in reporting school systems. Week 4 is Oct. 17-21, week 5 is Oct. 24-28, week 6 is Oct. 31-Nov. 4, week 7 is Nov. 7-11, week 8 is Nov 14-18, week 9 is Nov 21-25, week 10 is Nov. 28-Dec. 2, week 11 is Dec. 5-9. Note that the vertical scale is different for each graph.



S.



PLEASE RETURN

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Department of Health and Environmental Sciences
STATE OF MONTANA HELENA, MONTANA 59601

Week No.
Ending

50

MORBIDITY REPORT

December 17, 1977

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	4	4	2
Brucellosis	0	0	0	4	1	0
Chicken Pox	35	28	30	762	974	938
Colorado Tick Fever	0	0	0	6	19	8
Encephalitis, Primary	0	0	0	3	2	12
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	9	8	1	180	51	239
Hepatitis, Serum (B)	4	1	0	29	20	27
Hepatitis, Unspecified	0	2	0	32	25	34
Influenza-Like Disease	47	32	30	1364	5230	3292
Measles (Rubeola)	0	37	0	1168	364	50
Meningococcal Disease	0	0	0	8	6	8
Mumps	1	0	0	13	25	43
Rocky Mountain Spotted Fever	0	0	0	6	1	5
Rubella	0	0	0	17	296	253
Salmonella Infections	0	0	0	39	70	61
Shigella Infections	0	1	0	36	39	76
Streptococcal Pharyngitis	230	185	87	4257	3560	3780
Tuberculosis (New Cases)	1	2	14	51	49	72
Venereal Disease						
Gonorrhea	45	41	31	2106	1989	2108
Syphilis, Prim. & Sec.	0	0	0	7	13	7
Whooping Cough Syndrome	1	0	0	3	4	18
Rabies in Animals	0	0	5	45	93	163

OTHER REPORTABLE DISEASES:

H
COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies
Beaverhead	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Big Horn	-	-	-	-	-	-	3	-	-	-	-	8	-	-	-	-
Blaine	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-
Broadwater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cascade	15	-	4	1	2	2	-	-	-	-	-	27	-	-	-	-
Chouteau	5	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
Daniels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dawson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deer Lodge	-	-	-	-	-	-	4	-	-	-	-	30	-	-	-	-
Fallon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fergus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flathead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gallatin	6	-	-	-	-	-	5	-	-	-	-	41	-	-	-	1
Gorfield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glacier	-	-	-	1	2	-	-	-	-	-	-	13	-	-	-	-
Golden Valley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hill	-	-	1	-	-	-	-	-	-	-	-	67	-	-	-	-
Jefferson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Judith Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lewis & Clark	-	-	3	-	-	-	-	-	-	-	-	4	-	-	-	-
Liberty	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	8	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-
McCone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Madison	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meagher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mineral	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Missoula	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
Musselshell	-	-	12	-	-	-	-	-	-	-	1	-	-	-	-	-
Park	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phillips	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pondera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powder River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Powell	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ravalli	-	-	-	-	-	-	15	-	-	-	-	5	-	-	-	-
Richland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roosevelt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rosebud	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Sanders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheridan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver Bow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stillwater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sweet Grass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Teton	-	-	-	-	-	-	-	3	-	-	-	4	-	-	-	-
Toole	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Treasure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Valley	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Wheatland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wibaux	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellowstone	-	-	14	1	1	1	-	-	-	-	-	-	-	-	-	-
TOTAL	0	35	0	45	9	4	47	0	0	1	0	230	0	0	1	0



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Department of Health and Environmental Sciences

STATE OF MONTANA HELENA, MONTANA 59601

EPIDEMIOLOGIC NOTES AND COMMENTS 'THE TICK TELEGRAPH'

INFLUENZA NEWSLETTER #3

December 20, 1977

The big news in influenza this week is from overseas: both the Soviet Union and Hong Kong have reported influenza outbreaks of moderate severity and have isolated a virus similar to A/FM/1/47, an H₁N₁ strain. This virus has not been isolated in this country since the 1947-57 period, when it was the predominant influenza strain. (It was replaced in 1957 by the "Asian flu" strain.) Most adults over age 25 would be expected to be immune to this virus, and in fact the outbreaks in the Soviet Union have affected mostly children and young adults.

It is impossible to predict when, if ever, this virus will reach the USA, but when it does it will probably cause moderate outbreaks in younger age-groups. The currently recommended vaccines should continue to be used this year for high-risk groups.

Scattered cases of influenza-like illness continue to occur in Montana, but so far no influenza viruses have been isolated.

Almost all school systems showed a jump in absenteeism in the week of December 5-9, caused at least in part by bitterly cold weather.

312,3
H2m
Dec. 24,
197-



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Week No. 51

Ending December 24, 1977

MORBIDITY REPORT

Disease	This Week			Reported to Date		
	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	4	4	2
Brucellosis	0	0	0	4	1	0
Chicken Pox	17	1	24	779	975	962
Colorado Tick Fever	0	0	0	6	19	8
Encephalitis, Primary	0	0	0	3	2	12
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	8	2	1	188	53	240
Hepatitis, Serum (B)	0	1	1	29	21	28
Hepatitis, Unspecified	0	1	0	32	26	34
Influenza-Like Disease	6	3	35	1370	5233	3327
Measles (Rubeola)	7	10	0	1175	374	50
Meningococcal Disease	0	0	1	8	6	9
Mumps	1	0	1	14	25	44
Rocky Mountain Spotted Fever	0	0	0	6	1	5
Rubella	0	1	0	17	297	253
Salmonella Infections	0	0	0	39	70	61
Shigella Infections	1	0	6	37	39	82
Streptococcal Pharyngitis	59	19	117	4316	3579	3897
Tuberculosis (New Cases)	1	2	3	52	51	75
Venereal Disease						
Gonorrhea	39	34	41	2145	2023	2149
Syphilis, Prim. & Sec.	1	0	1	8	13	8
Whooping Cough Syndrome	0	0	0	3	4	18
Rabies in Animals	0	0	3	45	93	166

OTHER REPORTABLE DISEASES:

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II COUNTIES

COUNTIES	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarli. fev.	Salmon.	Shig.	T.B.	Animal Rabies	
Beaverhead																	
Big Horn					2	1											
Blaine																	
Broadwater																	
Carbon																	
Carter																	
Cascade					1												
Chouteau																	
Custer																	
Daniels																	
Dawson																	
Deer Lodge																	
Fallon																	
Fergus																	
Flathead																	
Gallatin																	
Garfield																	
Glacier																	
Golden Valley																	
Granite																	
Hill																	
Jefferson																	
Judith Basin																	
Lake			2														
Lewis & Clark																	
Liberty																	
Lincoln																	
McCone																	
Madison																	
Meagher																	
Mineral																	
Missoula																	
Musselshell																	
Park																	
Petroleum																	
Phillips																	
Pondera																	
Powder River																	
Powell																	
Prairie																	
Ravalli																	
Richland																	
Roosevelt					6												
Rosebud					10	7											
Sanders																	
Sheridan																	
Silver Bow			15		2												
Stillwater																	
Sweet Grass																	
Teton																	
Toole																	
Treasure																	
Valley																	
Wheatland																	
Wibaux																	
Yellowstone																	
TOTAL	0	17	0	39	8	0	6	7	0	1	0	59	0	1	1	0	



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Week No. 52

Ending December 31, 1977

MORBIDITY REPORT

This Week

Reported to Date

Disease	1977	1976	1975	1977	1976	1975
Aseptic Meningitis	0	0	0	4	4	2
Brucellosis	0	0	3	4	0	3
Chicken Pox	35	13	7	814	1006	969
Colorado Tick Fever	0	0	0	6	19	8
Encephalitis, Primary	0	0	0	3	2	12
Encephalitis, Post-Infectious	0	0	0	0	0	3
Hepatitis, Infectious (A)	3	2	3	191	61	243
Hepatitis, Serum (B)	0	0	1	29	21	29
Hepatitis, Unspecified	1	2	1	33	28	35
Influenza-Like Disease	13	34	32	1383	5295	3359
Measles (Rubeola)	2	46	0	1177	520	50
Meningococcal Disease	0	0	0	8	6	9
Mumps	1	0	0	15	27	44
Rocky Mountain Spotted Fever	0	0	0	6	0	5
Rubella	0	0	0	17	297	253
Salmonella Infections	1	1	0	40	71	61
Shigella Infections	1	0	3	38	39	85
Streptococcal Pharyngitis	145	108	53	4461	3816	3949
Tuberculosis (New Cases)	0	2	12	52	54	87
Venereal Disease						
Gonorrhea	22	19	24	2167	2072	2173
Syphilis, Prim. & Sec.	0	0	0	8	5	8
Whooping Cough Syndrome	0	0	0	3	3	18
Rabies in Animals	0	0	0	45	93	166

OTHER REPORTABLE DISEASES:

MEASLES BULLETIN

The season's first outbreak of measles (rubeola) has occurred in Harlowton (Wheatland County), where nine high school students have been affected. Several cases occurred in members of the basketball and wrestling teams, who were in the early stages of illness while playing against other schools. Cases of measles may well appear in those other high schools, including: Belgrade, Three Forks, Whitehall, Billings Senior, Fergus (Lewistown), Belt, and Big Sandy.

Please remember to report measles cases promptly on our hotline (1-800-332-2288) or after hours on 449-2645 (24-hour answering service).

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COUNTIES

	Aseptic Menin.	Chicken Pox	Enceph. Total	Gonorrhea	Hepatitis Inf.	Hepatitis Serum	Flu	Measles	Meningo- coccal Disease	Mumps	Rubella	StrepInf. Scarl. fev.	Salmon.	Shig.	T.B.	Animal Rabies	
Beaverhead					2												
Big Horn																	
Blaine																	
Broadwater																	
Carbon																	
Carter																	
Cascade	22			1	1		1			1		18					
Chouteau																	
Custer																	
Daniels																	
Dawson																	
Deer Lodge							2					30					
Fallon																	
Fergus				1													
Flothead																	
Gallatin								10				25					
Garfild																	
Glacier				3								6					
Golden Valley																	
Granite																	
Hill																	
Jefferson				1													
Judith Basin																	
Lake																	
Lewis & Clark																	
Liberty																	
Lincoln	2																
McCone																	
Madison																	
Meagher																	
Mineral				1													
Missoula					6												
Musselshell																	
Park																	
Petroleum																	
Phillips																	
Pondera																	
Powder River																	
Powell				1													
Prairie																	
Ravalli																	
Richland																	
Roosevelt							2										
Rosebud																	
Sanders																	
Sheridan																	
Silver Bow	11			3								50					
Stillwater																	
Sweet Grass																	
Teton																	
Toole																	
Treasure																	
Valley																	
Wheatland																	
Wibaux																	
Yellowstone							3										
TOTAL	0	35	0	22	3	0	13	2	0	1	0	145	1	1	0	0	0